

Fig. 1

ADC Project Release 1.0

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About A1 .dwg

An A1 is the complete layout of a building exterior. The drawing indicates interior walls from floor to ceiling including doors, room numbers, interior glass, and staircases. A completed A1 drawing will show the architectural floor plan of a building per floor. An A1 drawing is also needed to complete a T1 drawing.

Example:

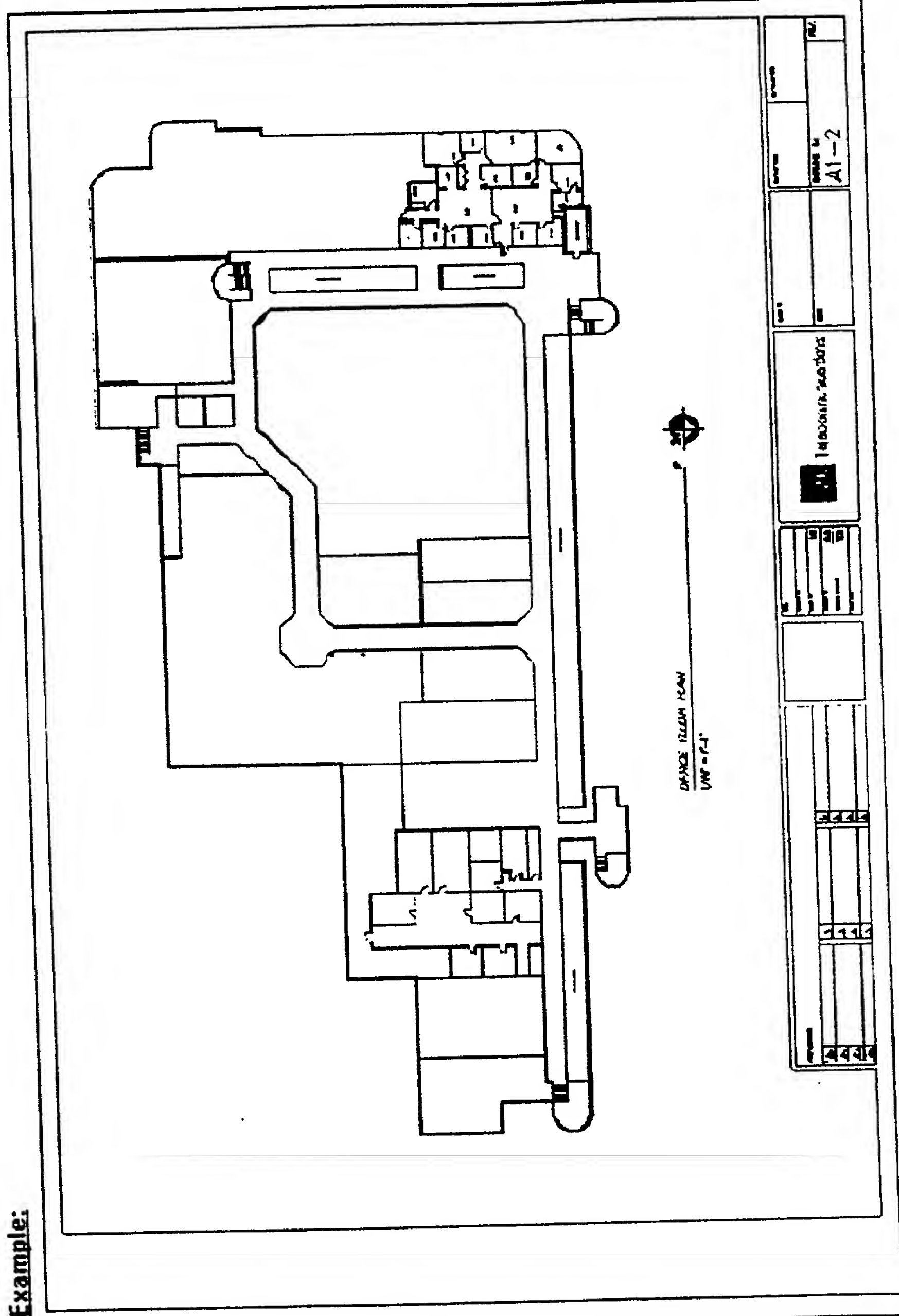


FIG. 2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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About T3.dwg

Detailed look at a Equipment Rooms. Drawing indicates technology layout (racks, ladder racks, etc.), mechanical/electrical layout, rack elevation and backboard elevation. May also be an enlargement of a congested area of T1 or T2.

Example:

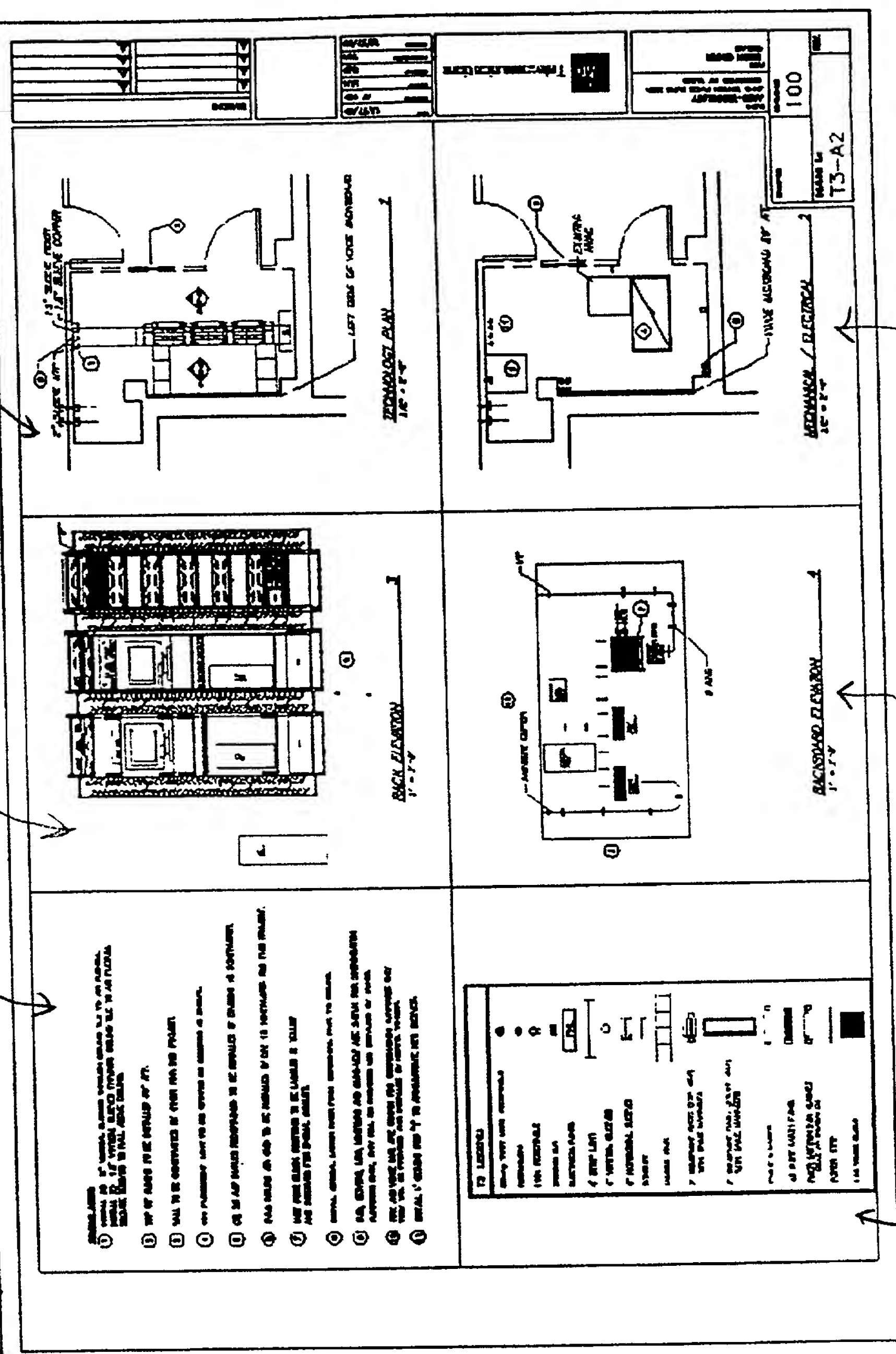
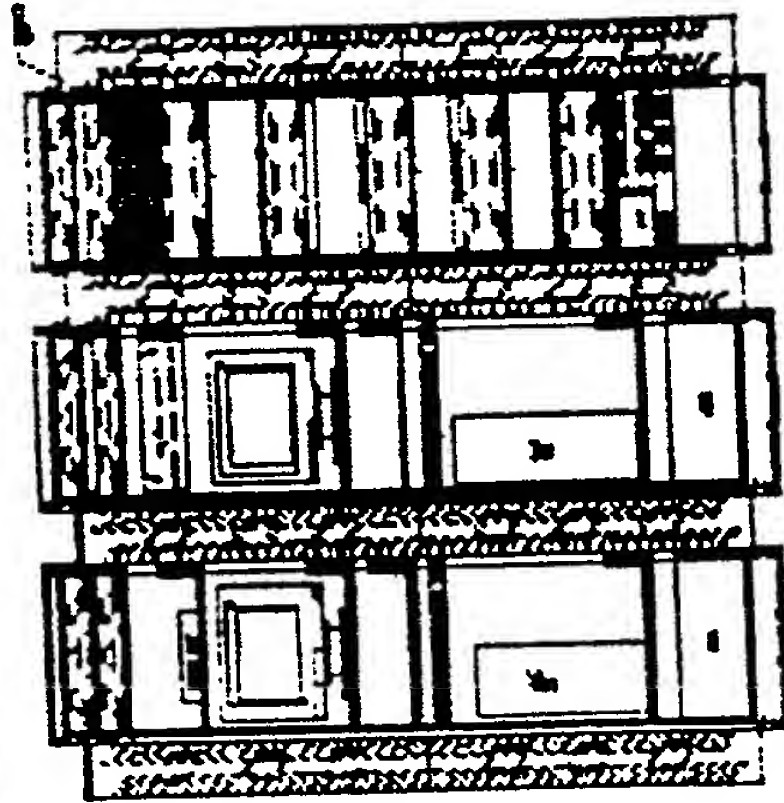


Fig 5

10

Example:



ACK ELEVATION 5

FIG. 6

- Welcome To ADC Division 17 Tools
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 - About Telecommunication Rooms

About Telecommunication Rooms

An enclosed space for housing telecommunications equipment, cable terminations, and cross-connects. The room is the recognized cross-connect between the backbone cable and horizontal cabling.

Example:

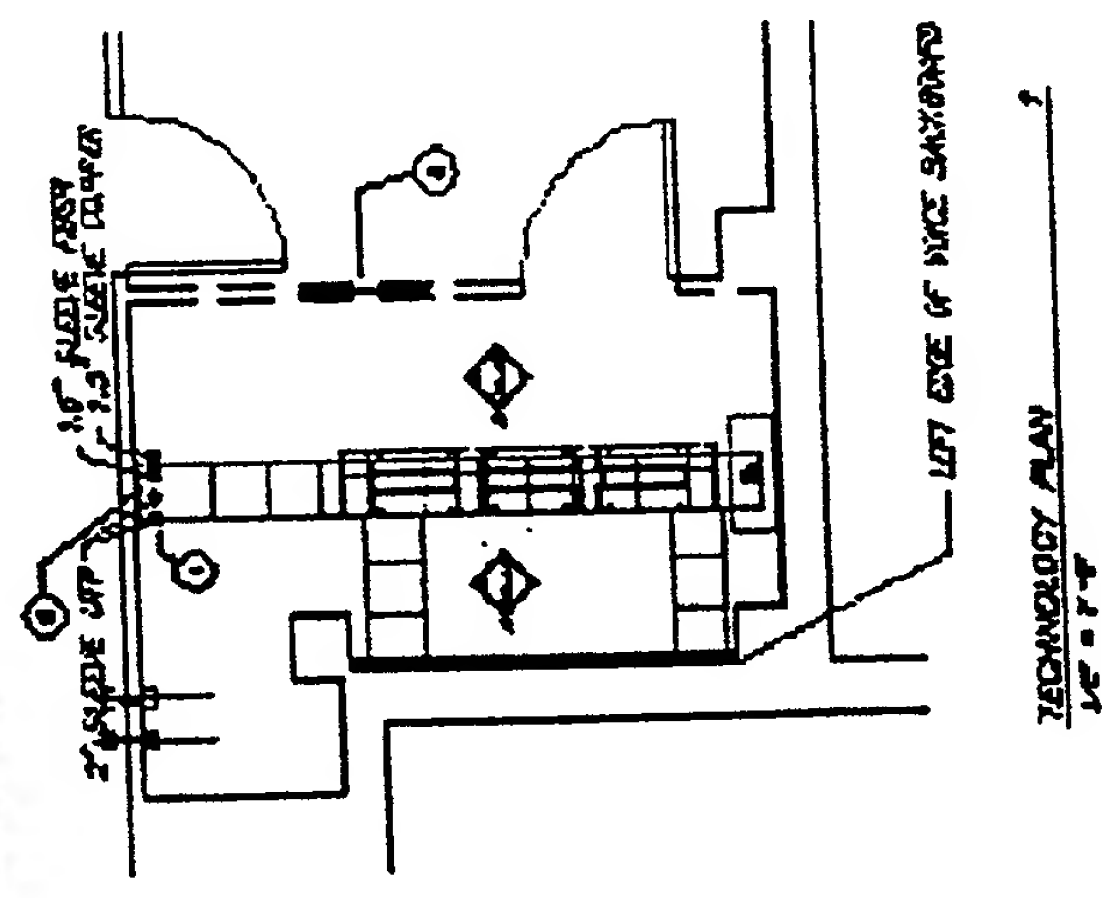


FIG. 7

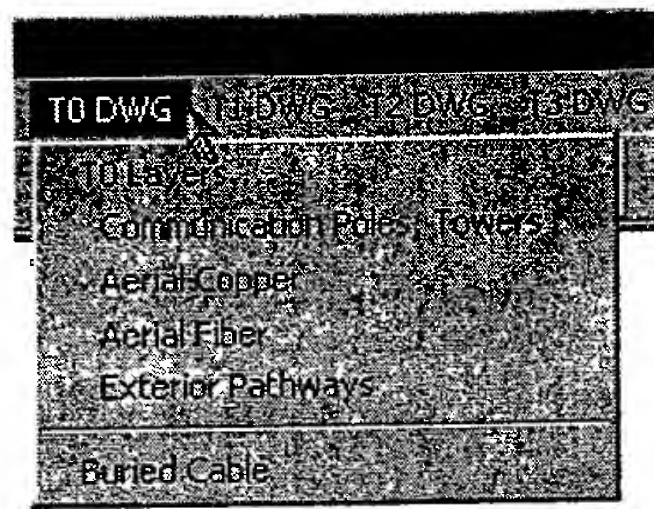


Figure 9 . TO Menu

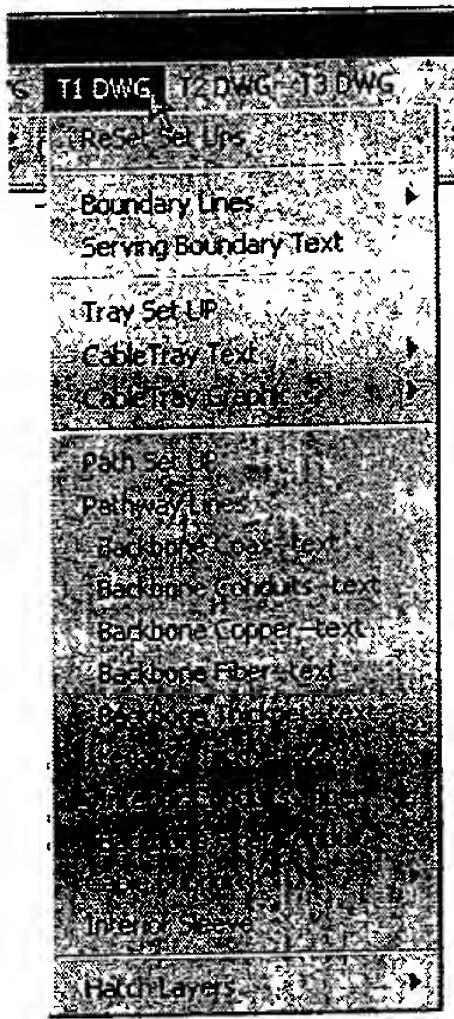


Figure 10. T1 Menu

4.4 T2 Menu Commands

This section details the available menu commands associated with T2 drawings. Select **T2 DWG** from the menu (Figure 40) to access these commands.

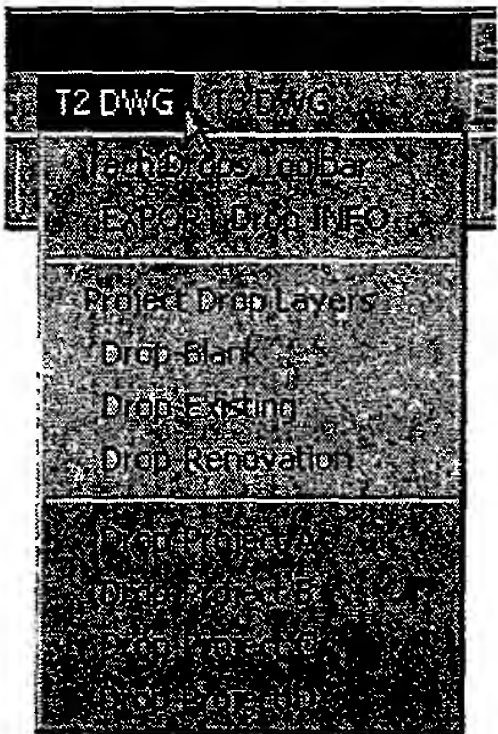


Figure 11. T2 Menu

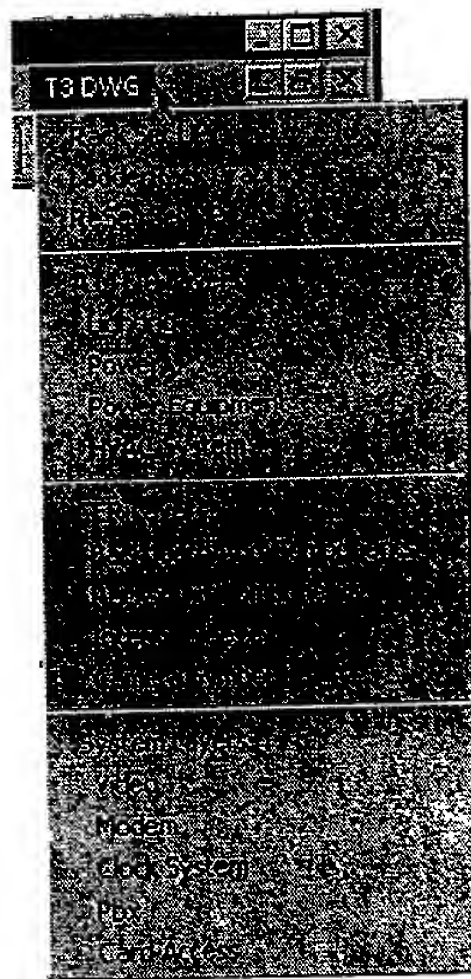
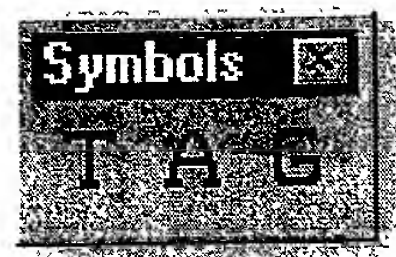
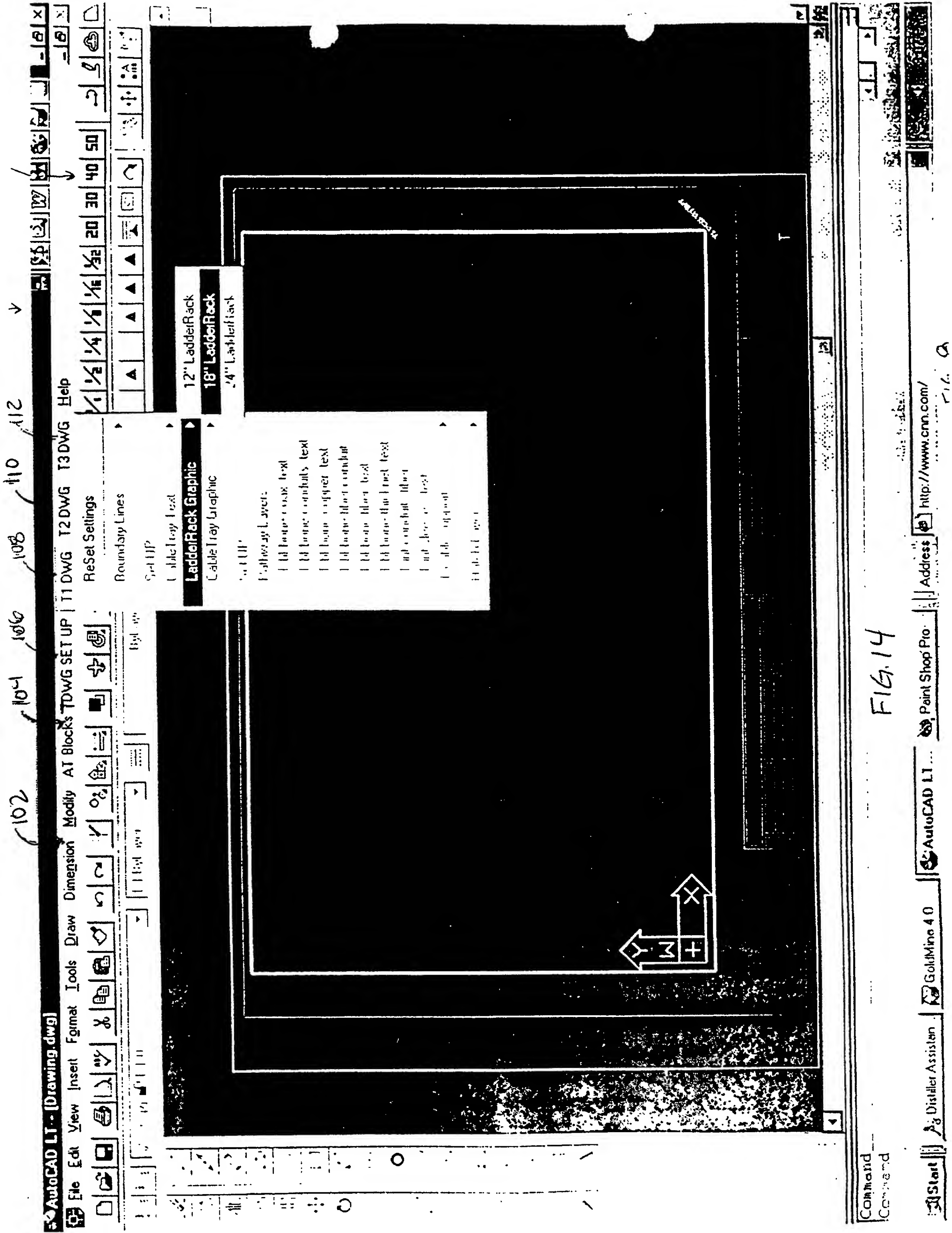


Figure 12 T3 Menu

Variable	Unit	Value	Variable	Unit	Value
Age	Years	25.5	Age	Years	25.5
Age ²	Years ²	650.25	Age ²	Years ²	650.25
Age ³	Years ³	16912.5	Age ³	Years ³	16912.5
Age ⁴	Years ⁴	435437.5	Age ⁴	Years ⁴	435437.5
Age ⁵	Years ⁵	11191187.5	Age ⁵	Years ⁵	11191187.5
Age ⁶	Years ⁶	285279687.5	Age ⁶	Years ⁶	285279687.5
Age ⁷	Years ⁷	7282001875	Age ⁷	Years ⁷	7282001875
Age ⁸	Years ⁸	185050062500	Age ⁸	Years ⁸	185050062500
Age ⁹	Years ⁹	4676251562500	Age ⁹	Years ⁹	4676251562500
Age ¹⁰	Years ¹⁰	117156281250000	Age ¹⁰	Years ¹⁰	117156281250000
Age ¹¹	Years ¹¹	2928907187500000	Age ¹¹	Years ¹¹	2928907187500000
Age ¹²	Years ¹²	73222678125000000	Age ¹²	Years ¹²	73222678125000000
Age ¹³	Years ¹³	1830567187500000000	Age ¹³	Years ¹³	1830567187500000000
Age ¹⁴	Years ¹⁴	45764171875000000000	Age ¹⁴	Years ¹⁴	45764171875000000000
Age ¹⁵	Years ¹⁵	1144104218750000000000	Age ¹⁵	Years ¹⁵	1144104218750000000000
Age ¹⁶	Years ¹⁶	28602606250000000000000	Age ¹⁶	Years ¹⁶	28602606250000000000000
Age ¹⁷	Years ¹⁷	715065156250000000000000	Age ¹⁷	Years ¹⁷	715065156250000000000000
Age ¹⁸	Years ¹⁸	17876628125000000000000000	Age ¹⁸	Years ¹⁸	17876628125000000000000000
Age ¹⁹	Years ¹⁹	446915718750000000000000000	Age ¹⁹	Years ¹⁹	446915718750000000000000000
Age ²⁰	Years ²⁰	11172893750000000000000000000	Age ²⁰	Years ²⁰	11172893750000000000000000000
Age ²¹	Years ²¹	279345187500000000000000000000	Age ²¹	Years ²¹	279345187500000000000000000000
Age ²²	Years ²²	6983678125000000000000000000000	Age ²²	Years ²²	6983678125000000000000000000000
Age ²³	Years ²³	174581687500000000000000000000000	Age ²³	Years ²³	174581687500000000000000000000000
Age ²⁴	Years ²⁴	4364583750000000000000000000000000	Age ²⁴	Years ²⁴	4364583750000000000000000000000000
Age ²⁵	Years ²⁵	10911458125000000000000000000000000	Age ²⁵	Years ²⁵	10911458125000000000000000000000000
Age ²⁶	Years ²⁶	272786937500000000000000000000000000	Age ²⁶	Years ²⁶	272786937500000000000000000000000000
Age ²⁷	Years ²⁷	6820064375000000000000000000000000000	Age ²⁷	Years ²⁷	6820064375000000000000000000000000000
Age ²⁸	Years ²⁸	170501643750000000000000000000000000000	Age ²⁸	Years ²⁸	170501643750000000000000000000000000000
Age ²⁹	Years ²⁹	4262541875000000000000000000000000000000	Age ²⁹	Years ²⁹	4262541875000000000000000000000000000000
Age ³⁰	Years ³⁰	10656354375000000000000000000000000000000	Age ³⁰	Years ³⁰	10656354375000000000000000000000000000000
Age ³¹	Years ³¹	266408937500000000000000000000000000000000	Age ³¹	Years ³¹	266408937500000000000000000000000000000000
Age ³²	Years ³²	6660224375000000000000000000000000000000000	Age ³²	Years ³²	6660224375000000000000000000000000000000000
Age ³³	Years ³³	166505643750000000000000000000000000000000000	Age ³³	Years ³³	166505643750000000000000000000000000000000000
Age					





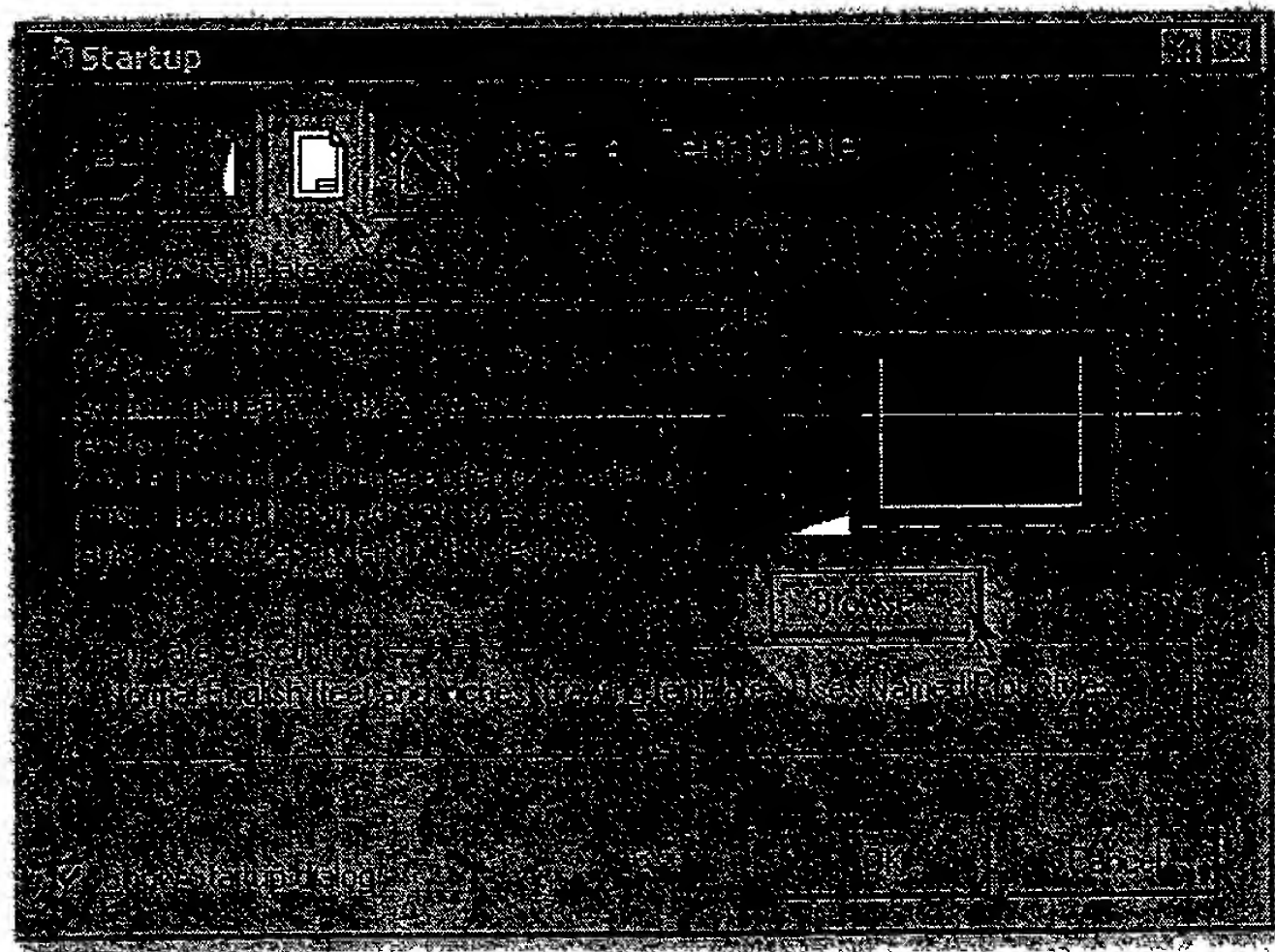


Figure 15 AutoCAD Startup Dialog (Version LT 2000)

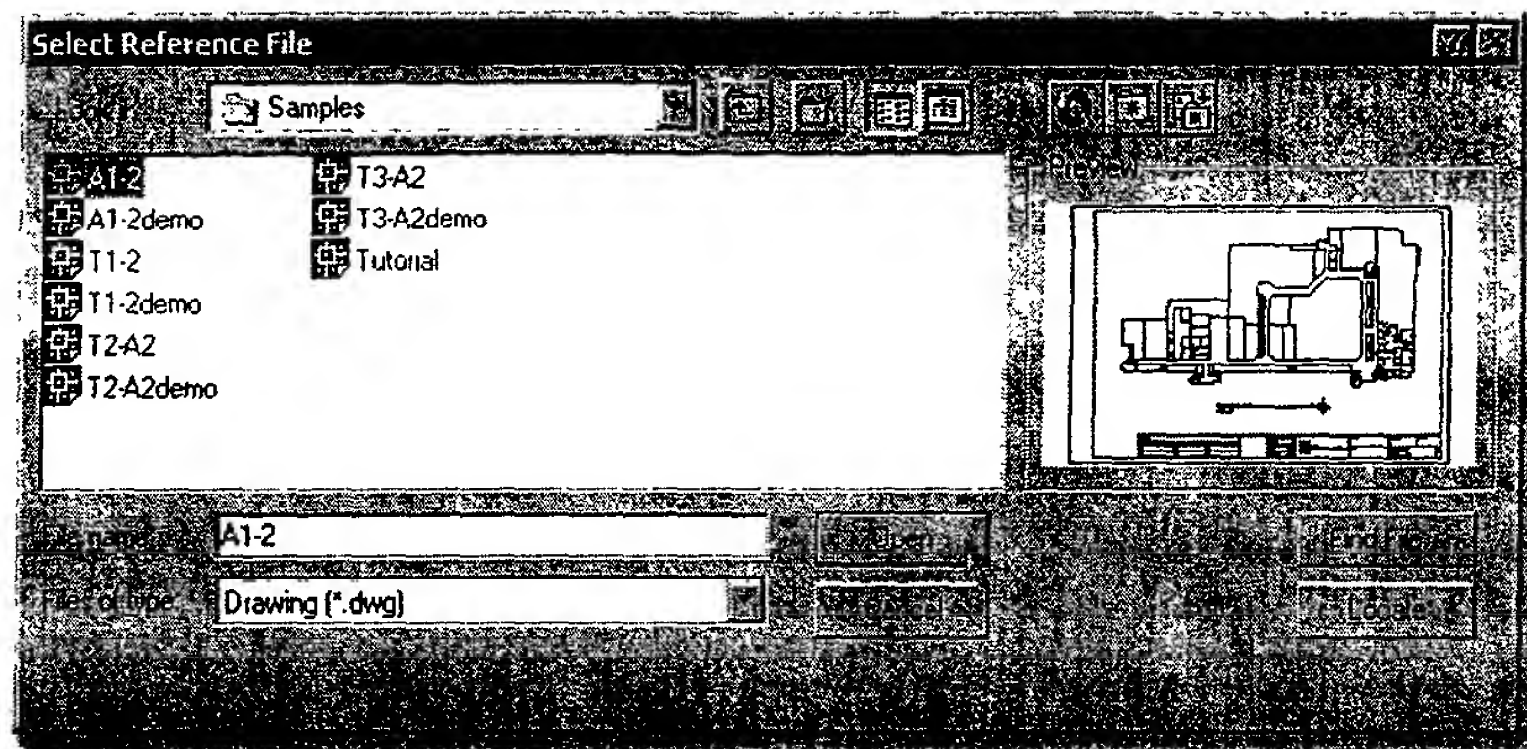


Figure 16 'Select Reference File' Dialog

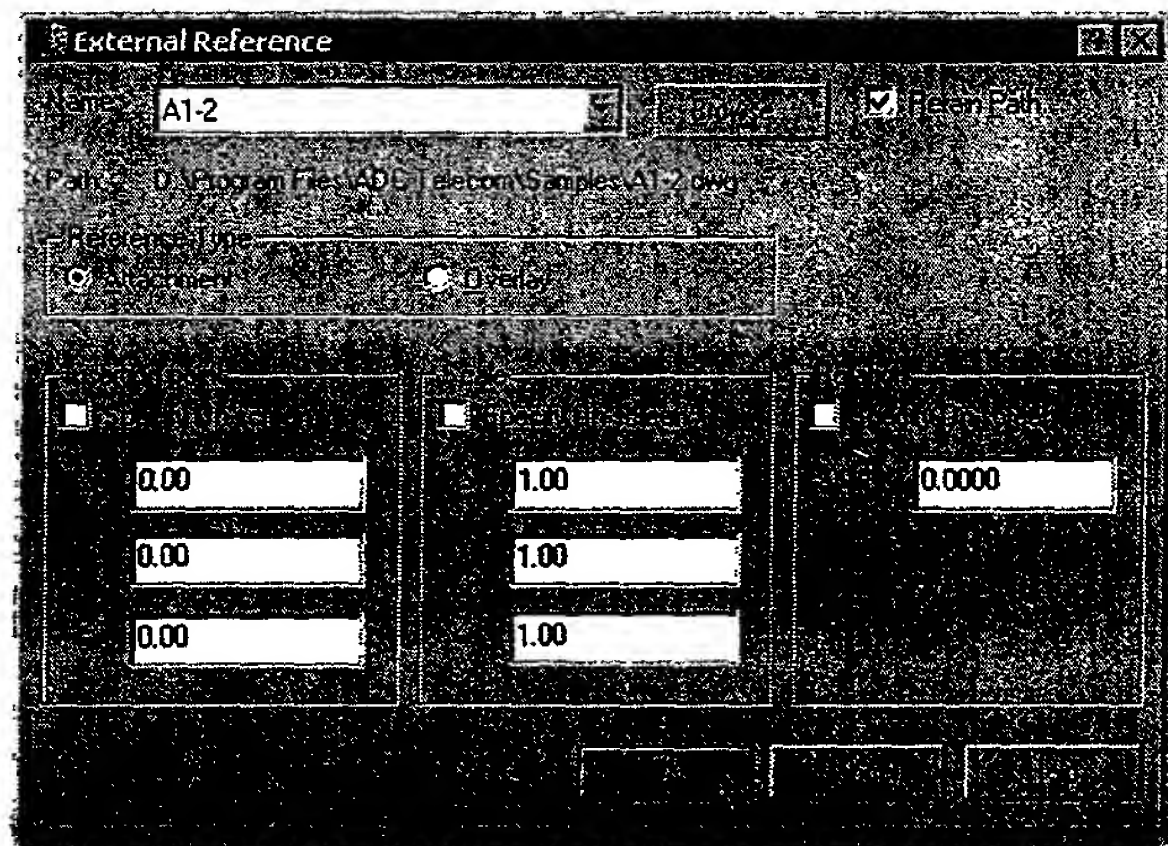


Figure 17. External Reference Dialog

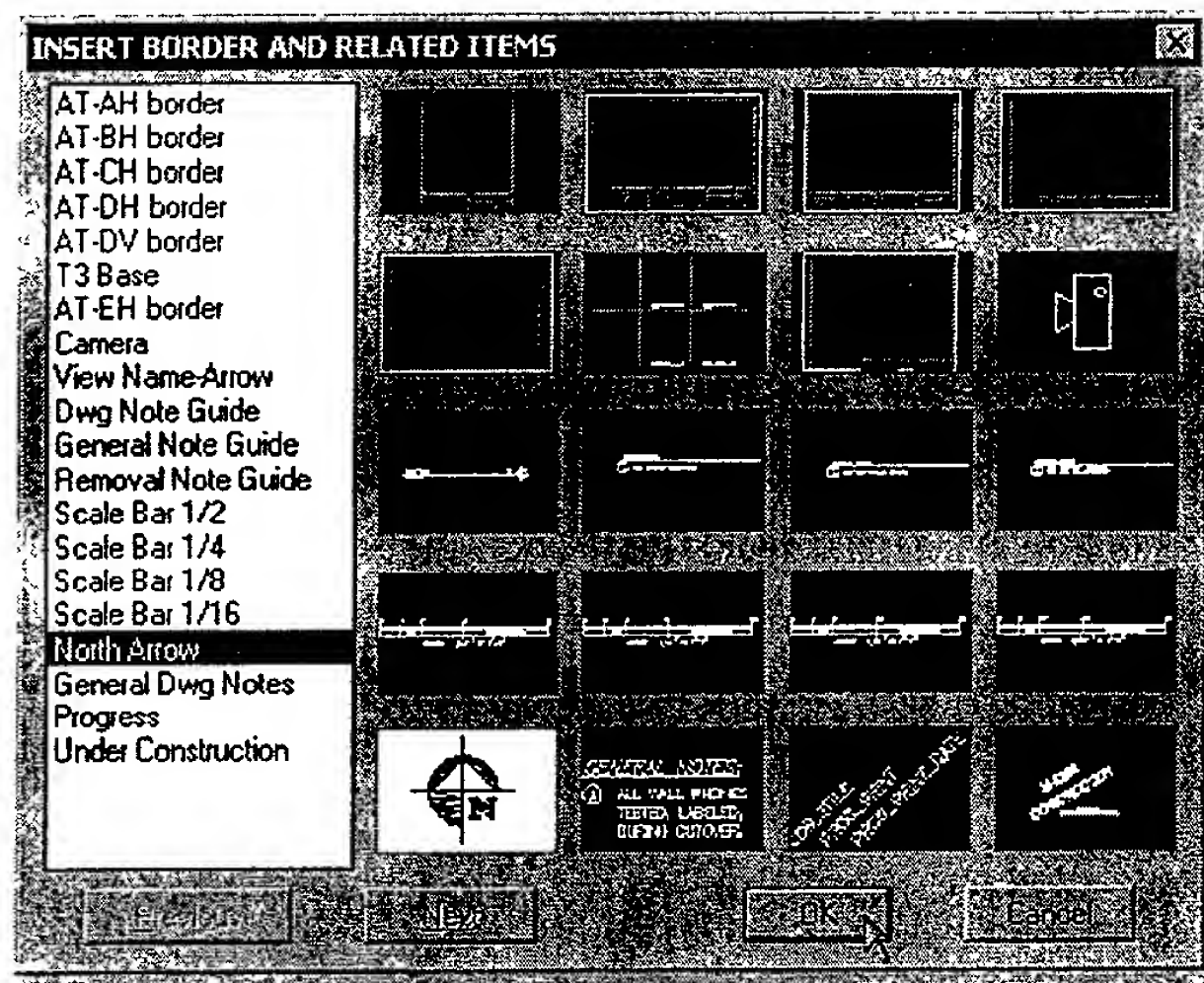


Figure 18 Inserting a Border/Related Item

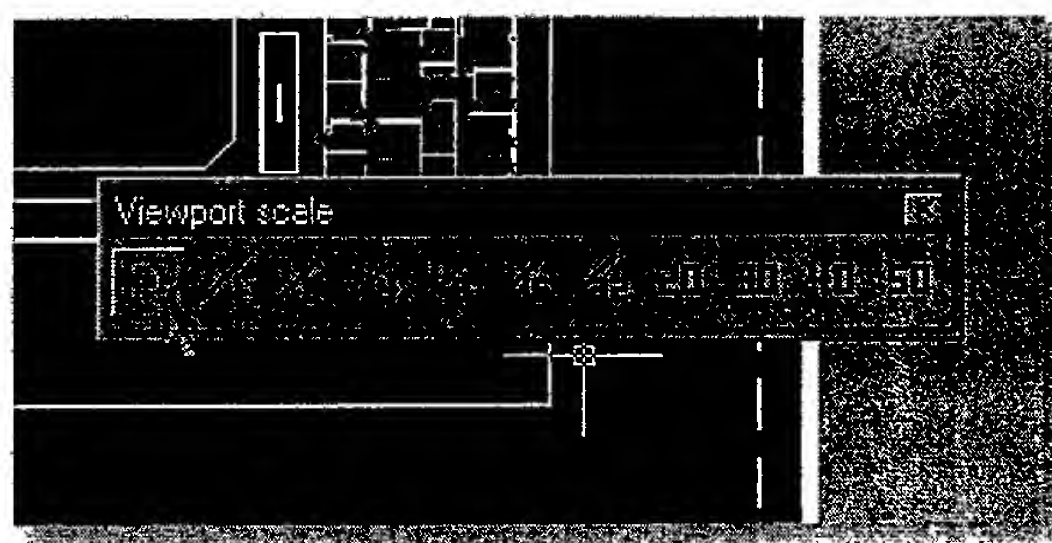


Figure 19 Viewport Scale Toolbar



Figure 20 'Purge' Dialog

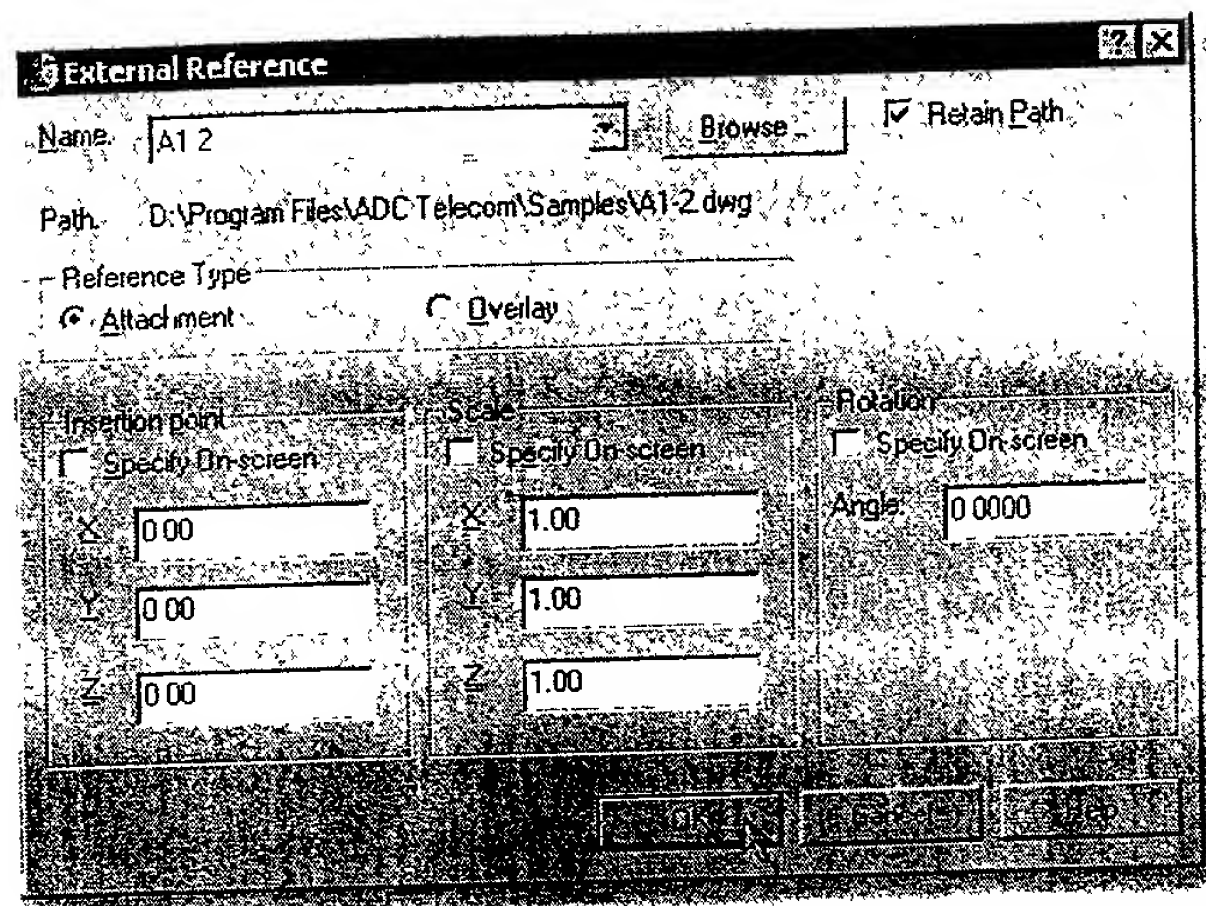


Figure 21. External Reference Dialog

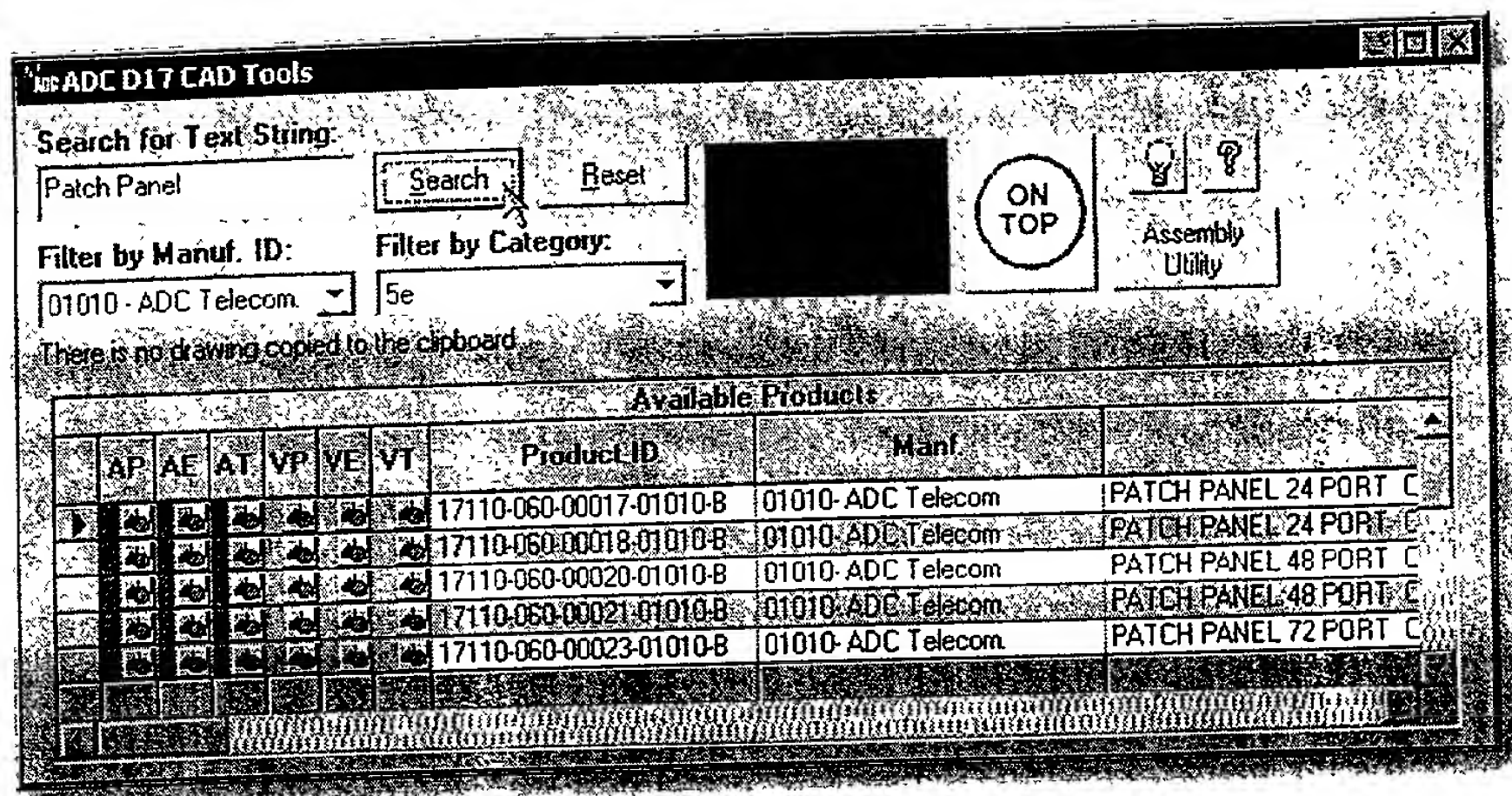


Figure 22 Performing a Search with the CAD Utility

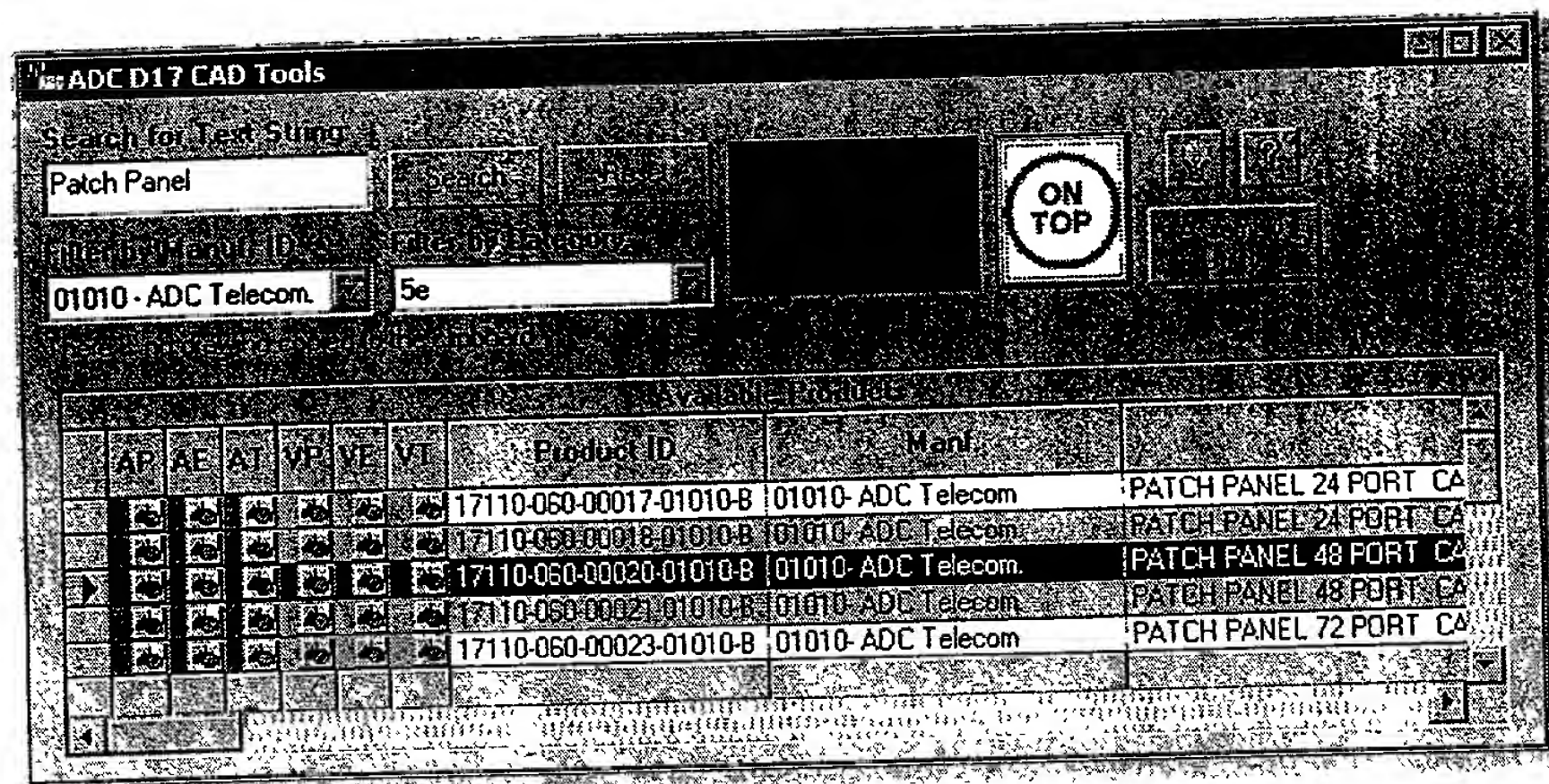


Figure 23 Highlighted Row

Figure 24 CAD Utility Detail



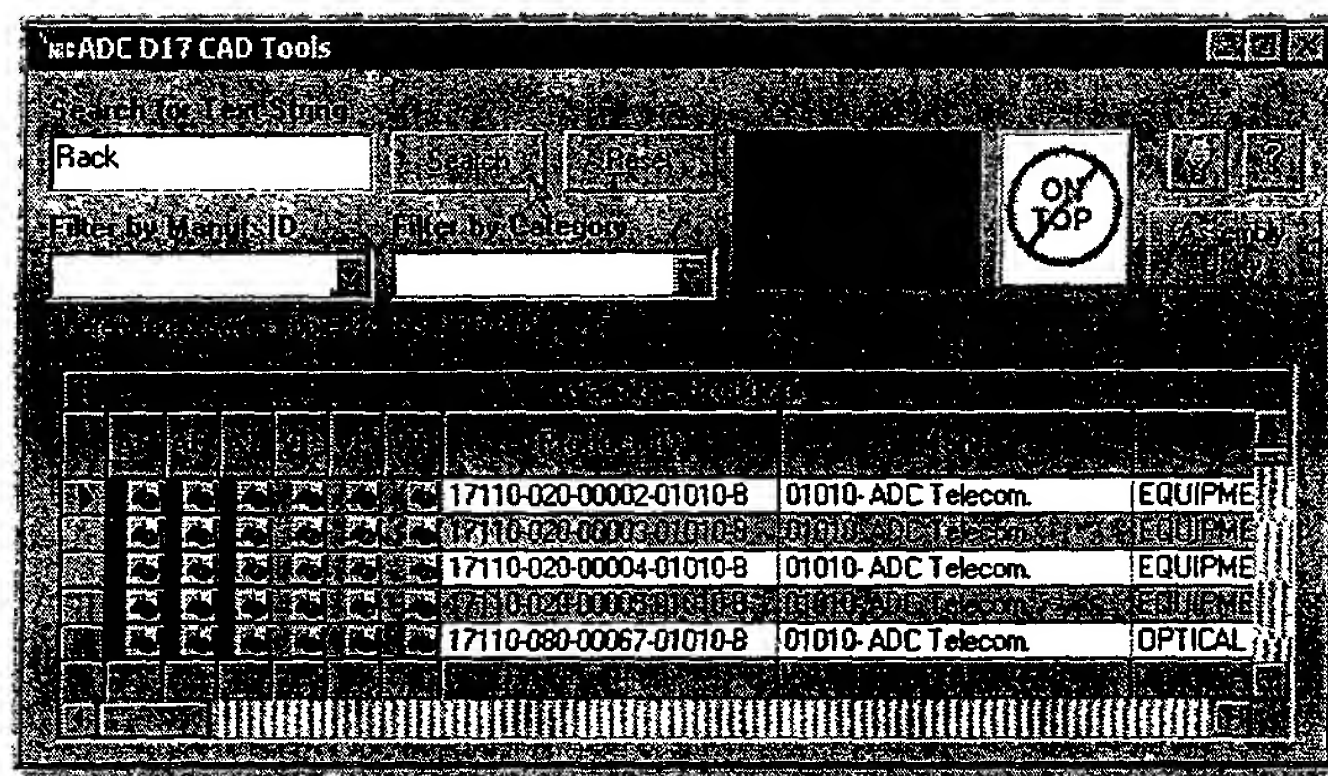


Figure 25 D17 CAD Tool Dialog

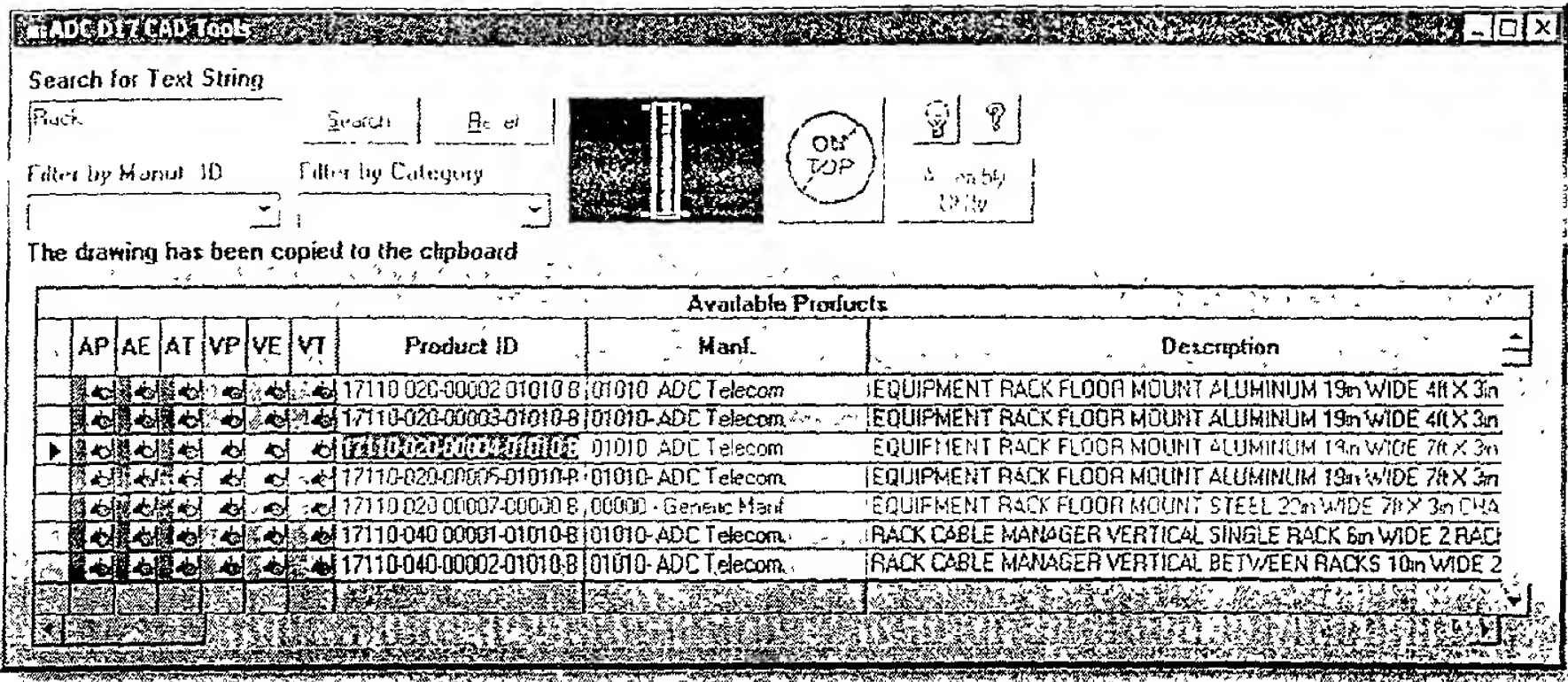


Figure 26 Selecting Equipment in the CAD Tool (Relevant Areas are Highlighted)

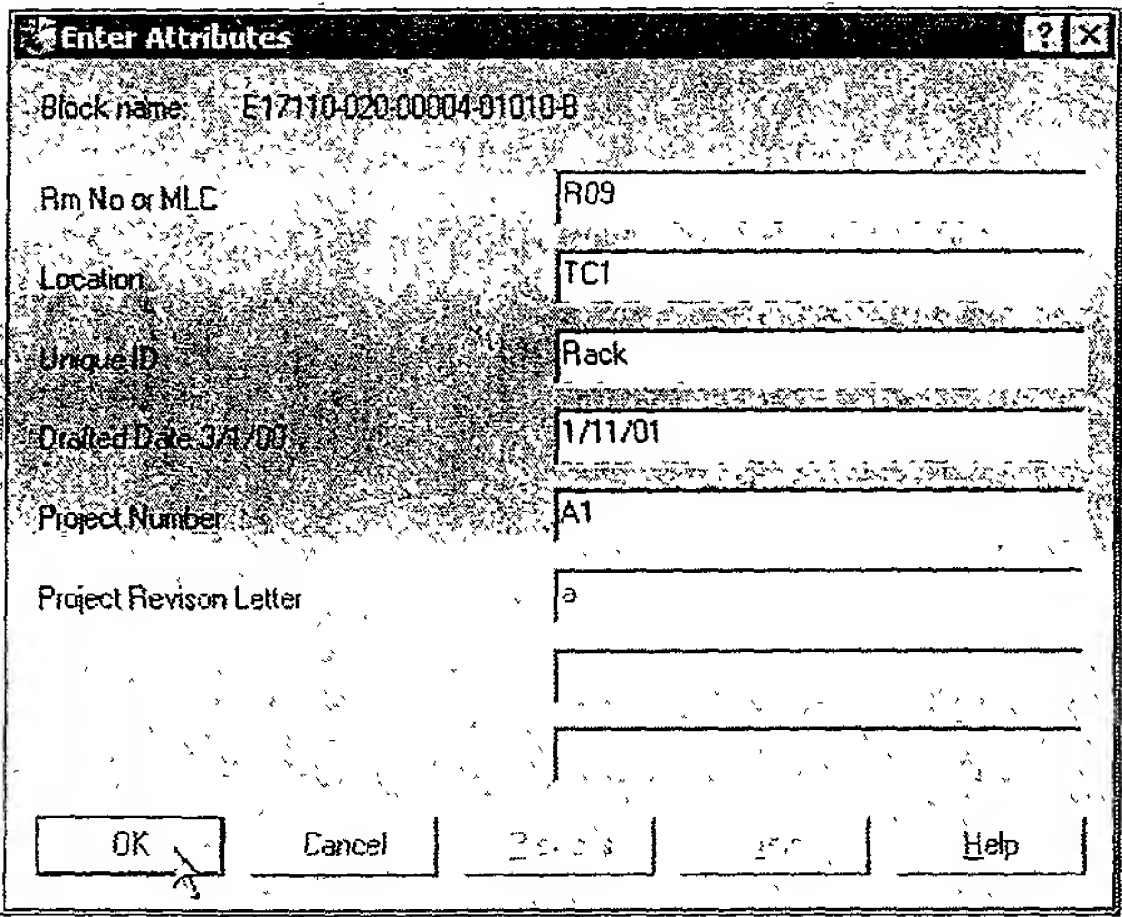


Figure 27 Rack Attributes

Named layer filters

Show all layers

Invert filter

Apply to Object Properties toolbar

New

Delete

Current

Show details

Current Layer T-ANNO-BLOK

Name	On	Freeze	Lock	Color	Linetype	Lineweight	Plot Style	Plot
0				White	CONTINUOUS	Default		
AT-BLOCK INFO				White	CONTINUOUS	Default		
E-LITE				114	CONTINUOUS	Default		
E-POWER				114	CONTINUOUS	Default	Color_14	
E-POWER-DIST				114	CONTINUOUS	Default	Color_114	
M-HVAC				Red	CONTINUOUS	Default	Color_1	
T-ANNO-BLOK				White	CONTINUOUS	Default	Color_7	
T-ANNO-KEYN				Red	CONTINUOUS	Default		
T-ANNO NOTE				White	CONTINUOUS	Default		
T-BKSD COMP				32	CONTINUOUS	Default		
T-CLIP				White	CONTINUOUS	Default		
T-PLAN-INFO				White	CONTINUOUS	Default	Color_7	
T-RACK-COMP				30	CONTINUOUS	Default	Color_30	
T-RACK-LDDR				30	CONTINUOUS	Default	Color_30	
T-SLEV-INTR				210	CONTINUOUS	Default		
T-VIEW				White	CONTINUOUS	Default		
URL-LAYER				Red	CONTINUOUS	Default		

17 Total layers 17 Layers displayed

OK

Cancel

Help

Figure 28 Layer Properties Manager

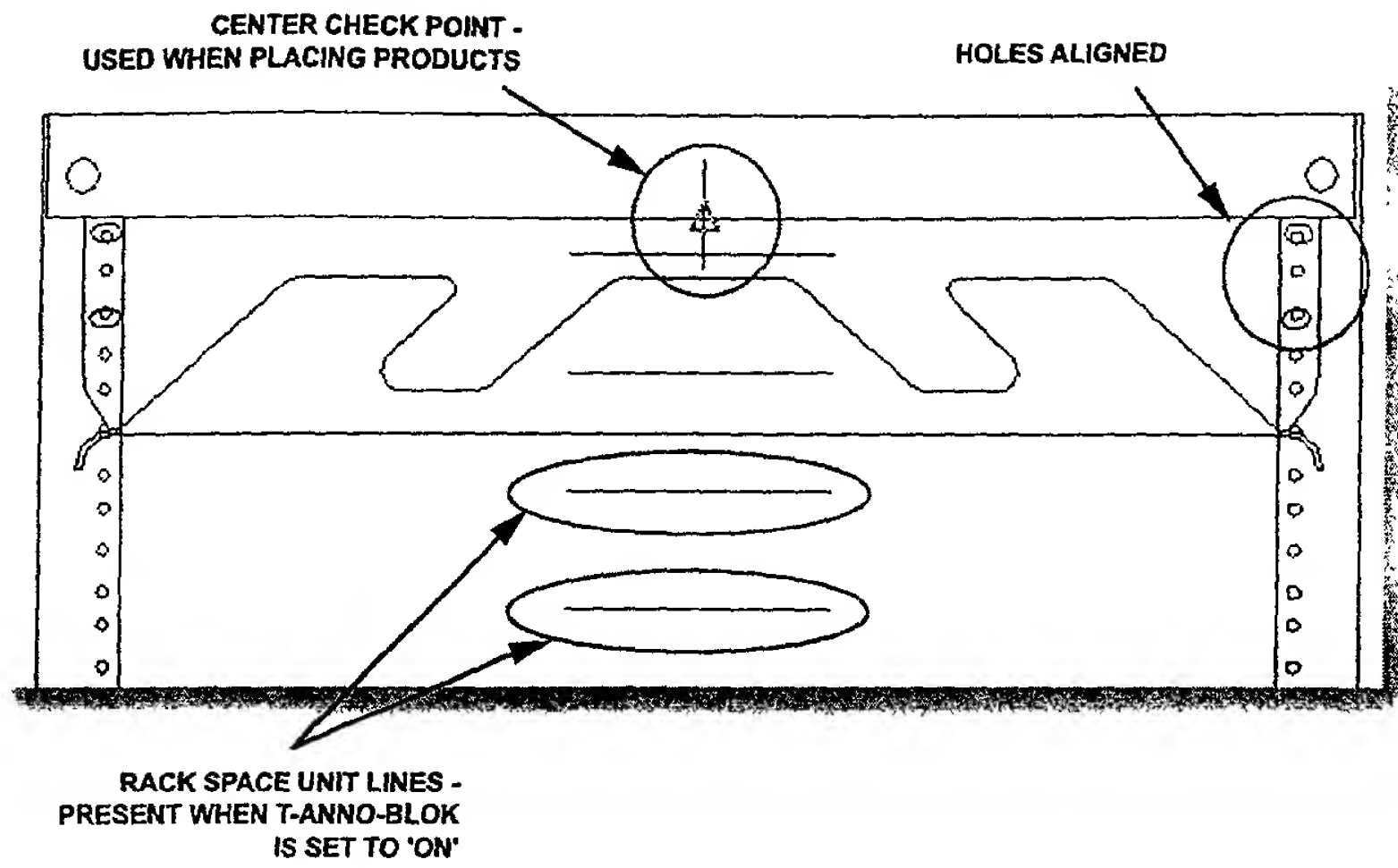


Figure 29. Drawing Detail

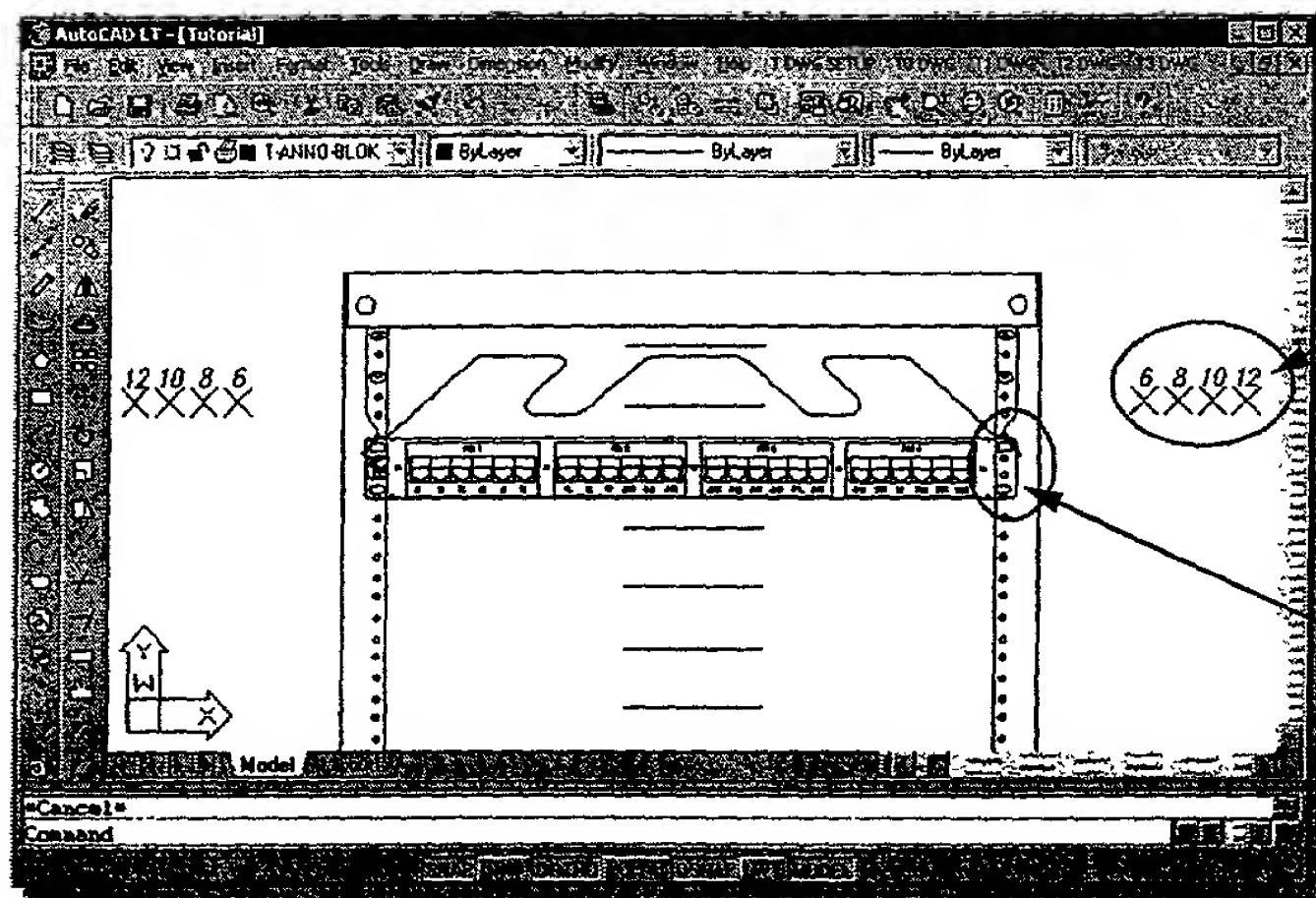
Enter Attributes

Block name: E17110-040-00010-01010-B

Rm No or MLC	R09
Loc. abn	TC1
Unit ID	Trough
Date ID	1/11/01
Prod. Number	A1
Prod. Description	a

Previous Next

Figure 30. Trough Attributes



CROSSHAIRS -
USED FOR THE PLACEMENT
OF CABLE MANAGEMENT
PRODUCTS ON A RACK

ZOOM IN TO SEE ALIGNED
HOLES

Figure 31. Drawing Detail

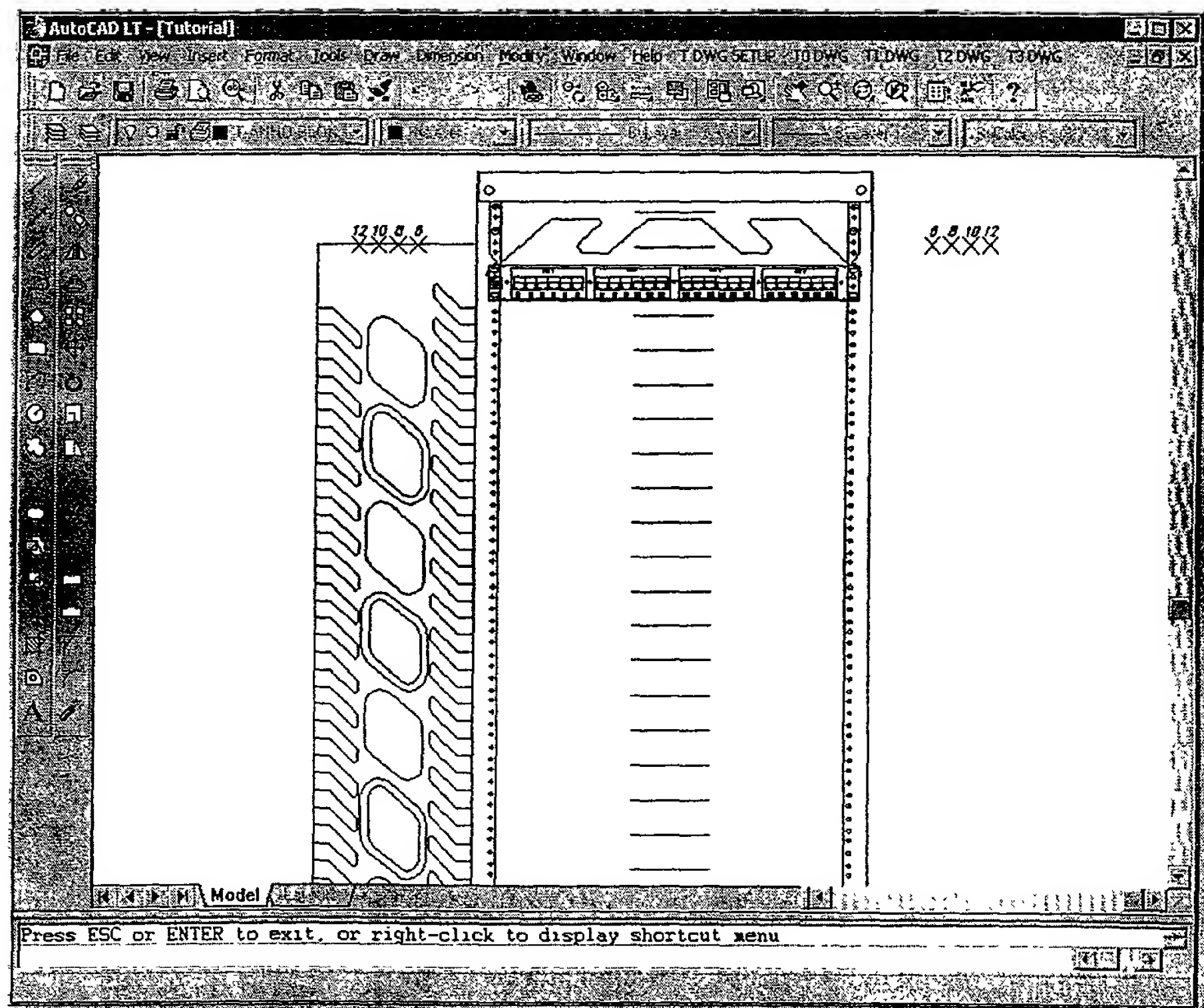


Figure 32 Completed Drawing

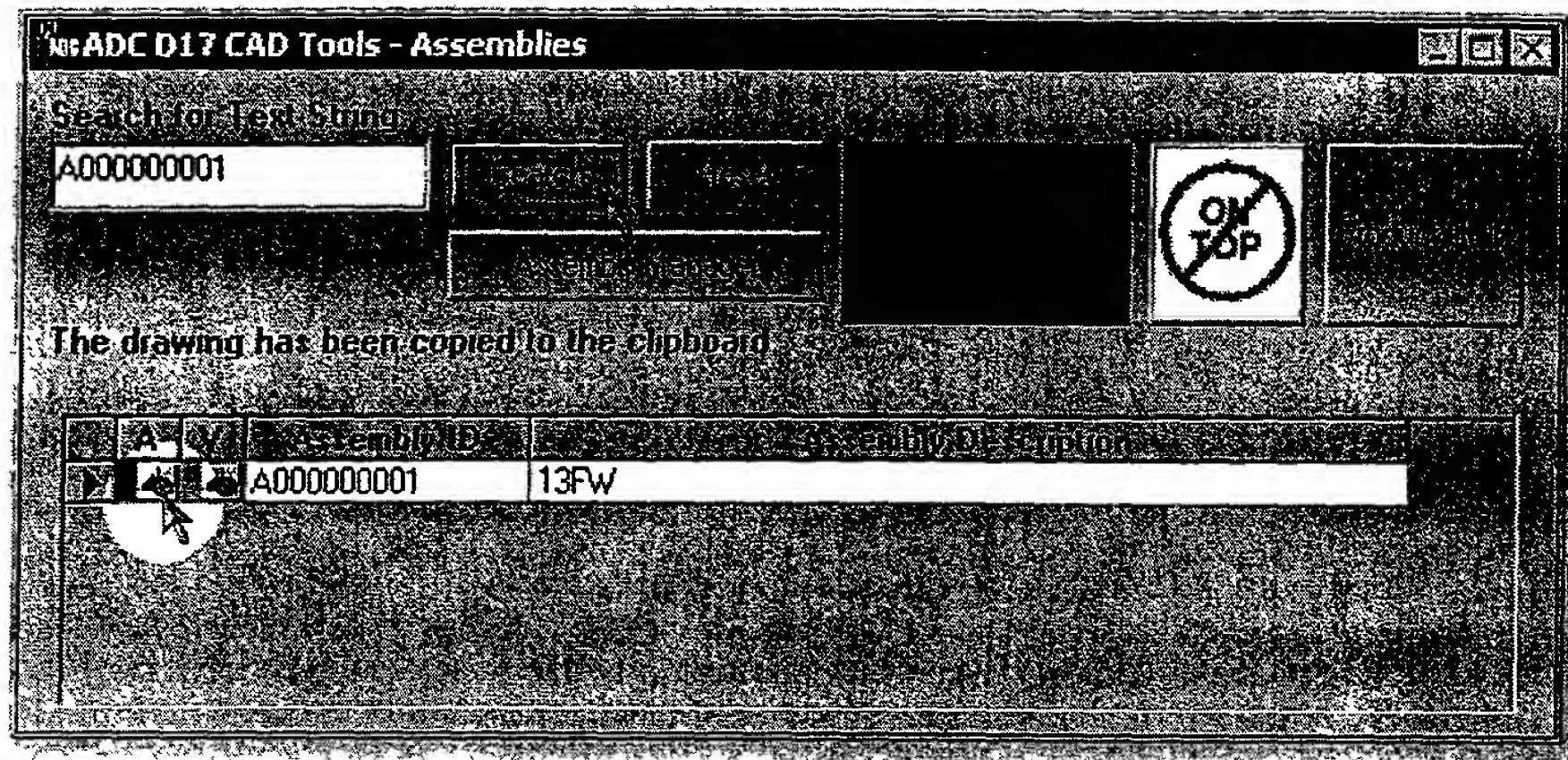


Figure 33 Assembly Utility

Assembly Manager

17170-100-00064-01010-B Add Product to Assembly

Edit Assembly Descriptions Delete Product from Assembly

	Product ID	Description	Quantity
▶	17170-100-00064-01010-B	FLAT JACK IDENTIFICATION TAG DATA BEZEL ELECTRIC	1
	17160-080-00042-01010-B	FACEPLATE SINGLE GANG 1-3 PORT FLAT INSERT ELECTRIC	1
	17170-100-00076-01010-B	FLAT JACK IDENTIFICATION TAG VOICE BEZEL ELECTRIC	1
	17160-060-00342-01010-B	MEDIA INSERT FLAT BLANK ELECTRIC IVORY	1

Figure 34 Assembly Manager

Enter Quantity for Products

Enter a Quantity: 4

OK Exit

Figure 35. 'Quantity' Dialog

Product Selector

Filter by Manufacturer ID: Filter by Category:

Search for Text String:

Available Products		
Product ID	Manf	Description
17110-060-00017-01010-8	01010-ADC Telecom	PATCH PANEL 24 PORT CAT 5E RJ45 T568A FOUR 6 PORT ANGLED
17110-060-00018-01010-8	01010-ADC Telecom	PATCH PANEL 24 PORT CAT 5E RJ45 T568A FOUR 6 PORT FLAT
17110-060-00019-01010-8	01010-ADC Telecom	PATCH PANEL 18 PORT CAT 5E RJ45 T568A FOUR 6 PORT ANGLED
17110-060-00021-01010-8	01010-ADC Telecom	PATCH PANEL 48 PORT CAT 5E RJ45 T568A FOUR 6 PORT FLAT
17110-060-00023-01010-8	01010-ADC Telecom	PATCH PANEL 72 PORT CAT 5E RJ45 T568A FOUR 6 PORT ANGLED
17110-060-00025-01010-8	01010-ADC Telecom	PATCH PANEL 96 PORT CAT 5E RJ45 T568A FOUR 6 PORT ANGLED
17110-060-00026-01010-8	01010-ADC Telecom	PATCH PANEL 96 PORT CAT 5E RJ45 T568A FOUR 6 PORT FLAT
17110-060-00029-01010-8	01010-ADC Telecom	PATCH PANEL 24 PORT CAT 5E RJ45 T568B FOUR 6 PORT ANGLED
17110-060-00030-01010-8	01010-ADC Telecom	PATCH PANEL 24 PORT CAT 5E RJ45 T568B FOUR 6 PORT FLAT
17110-060-00032-01010-8	01010-ADC Telecom	PATCH PANEL 48 PORT CAT 5E RJ45 T568B FOUR 6 PORT ANGLED
17110-060-00033-01010-8	01010-ADC Telecom	PATCH PANEL 18 PORT CAT 5E RJ45 T568B FOUR 6 PORT FLAT
17110-060-00035-01010-8	01010-ADC Telecom	PATCH PANEL 72 PORT CAT 5E RJ45 T568B FOUR 6 PORT ANGLED
17110-060-00037-01010-8	01010-ADC Telecom	PATCH PANEL 96 PORT CAT 5E RJ45 T568B FOUR 6 PORT ANGLED
17110-060-00038-01010-8	01010-ADC Telecom	PATCH PANEL 96 PORT CAT 5E RJ45 T568B FOUR 6 PORT FLAT
17110-060-00081-01010-8	01010-ADC Telecom	PATCH PANEL 32 PORT CAT 5E RJ45 T568A FLAT INSERTS BLACK
17110-100-00001-01010-8	01010-ADC Telecom	TERMINATION BLOCKS 110 WIRING 5E 100 PAIR WITHOUT LEGS

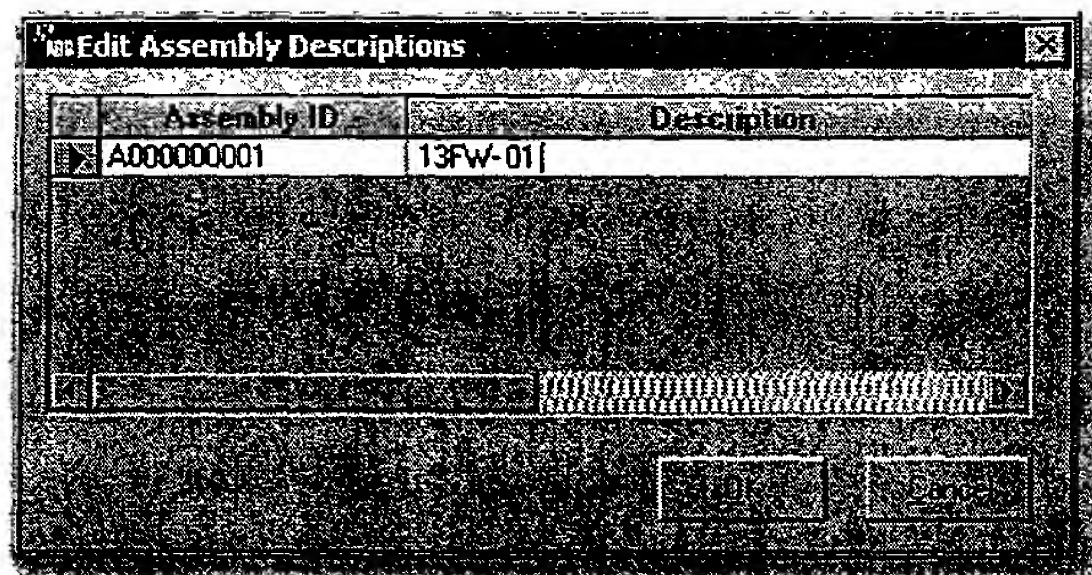


Figure 37. Edit Assembly Descriptions Dialog

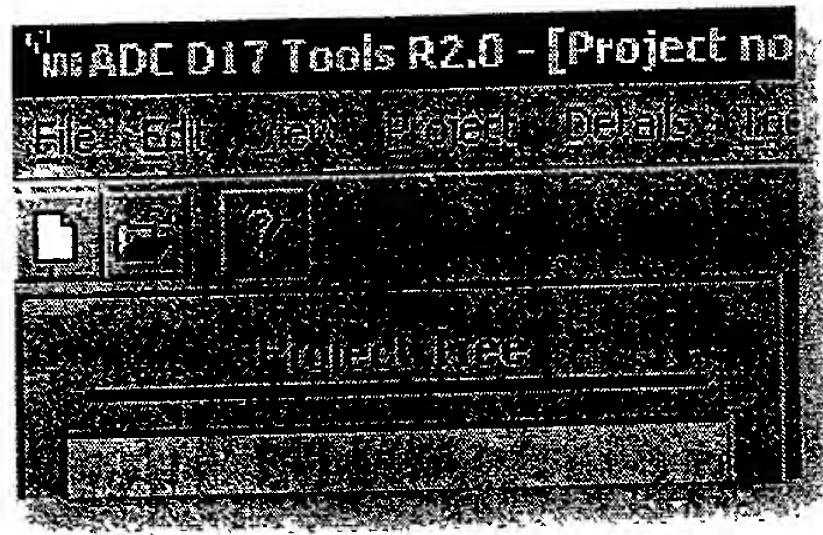


Figure 38. 'New Project' Icon

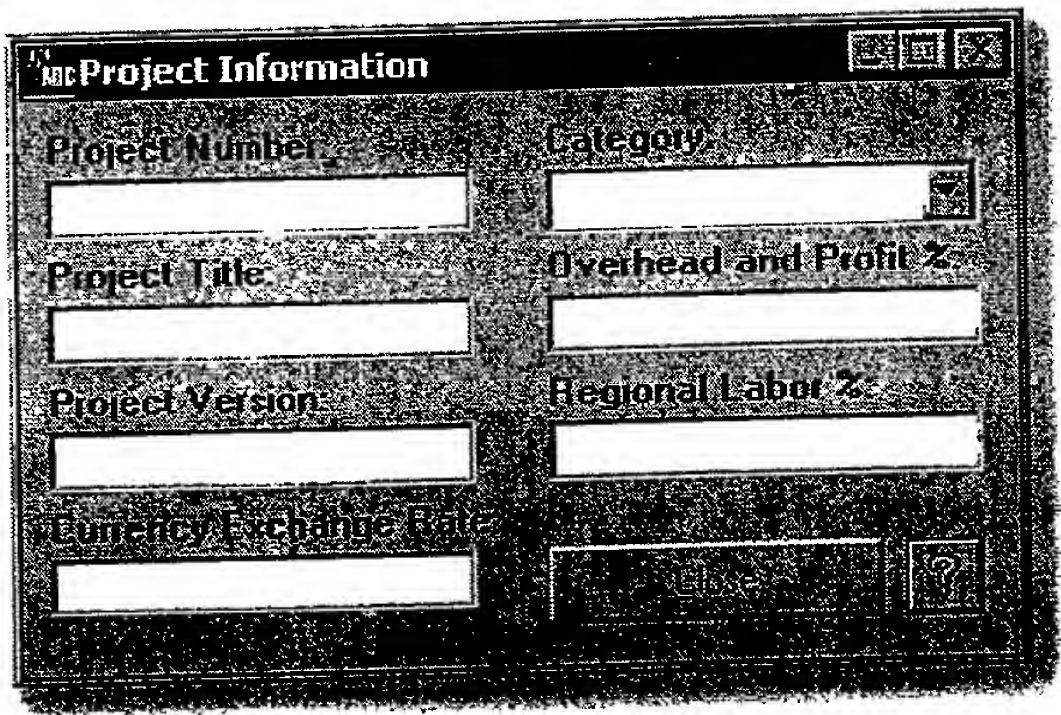


Figure 39. 'Project Information' Dialog

17110-240-00009-01010-B

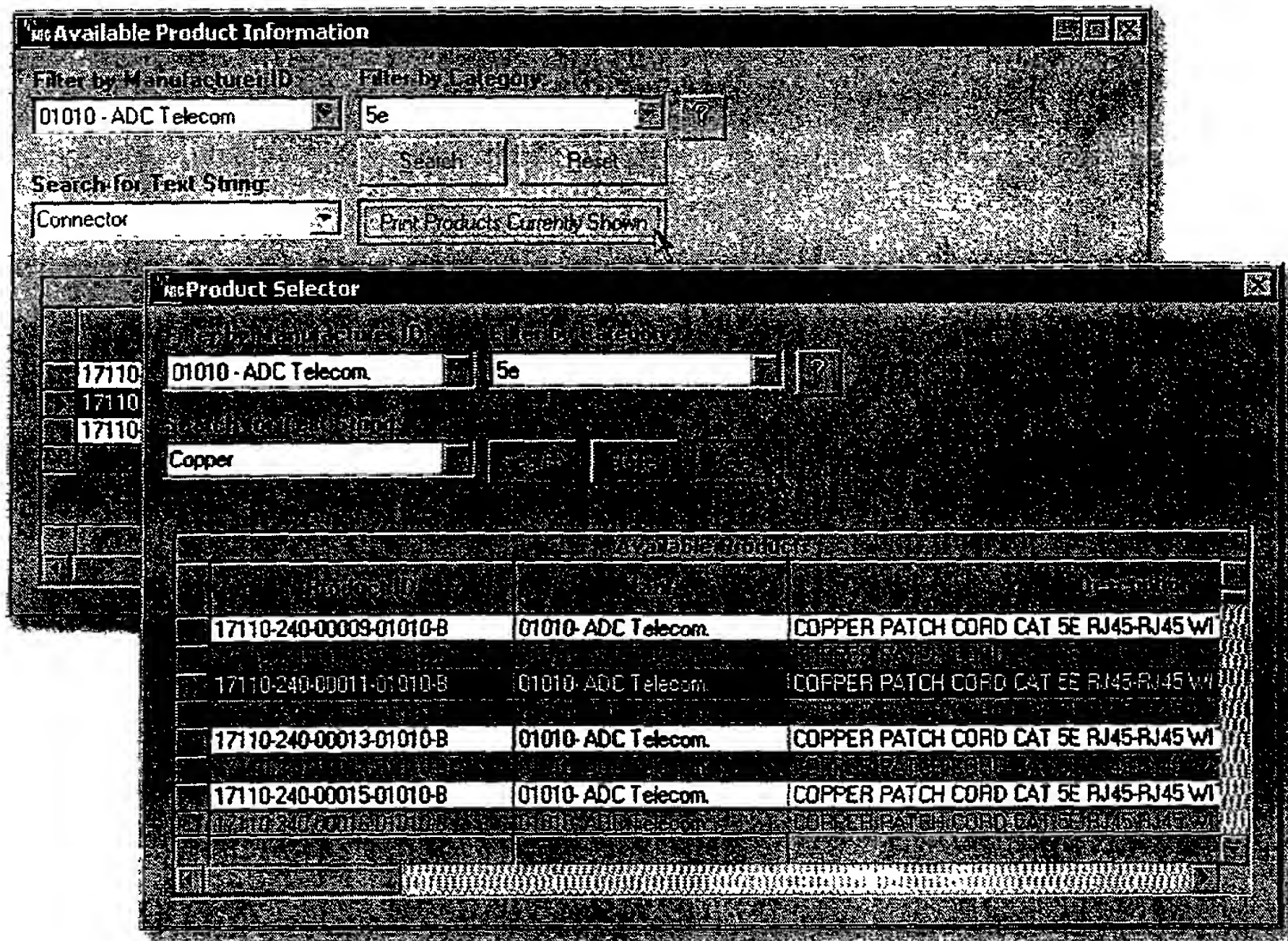


Figure 40. Product Selector/Available Product Dialogs

Preview of Product List

Product ID	Product Name	Product Description
100-0019-01009	100-0019-01009	CONNECTING BLOCKS
100-0012-01003	100-0012-01003	CONNECTING BLOCKS

Figure 41. Product Preview List

EDIT CREW HOURS

**CLICK THE ICON TO
VIEW PRODUCT INFORMATION
FROM THE INTERNET**

Figure 42. Product List Detail

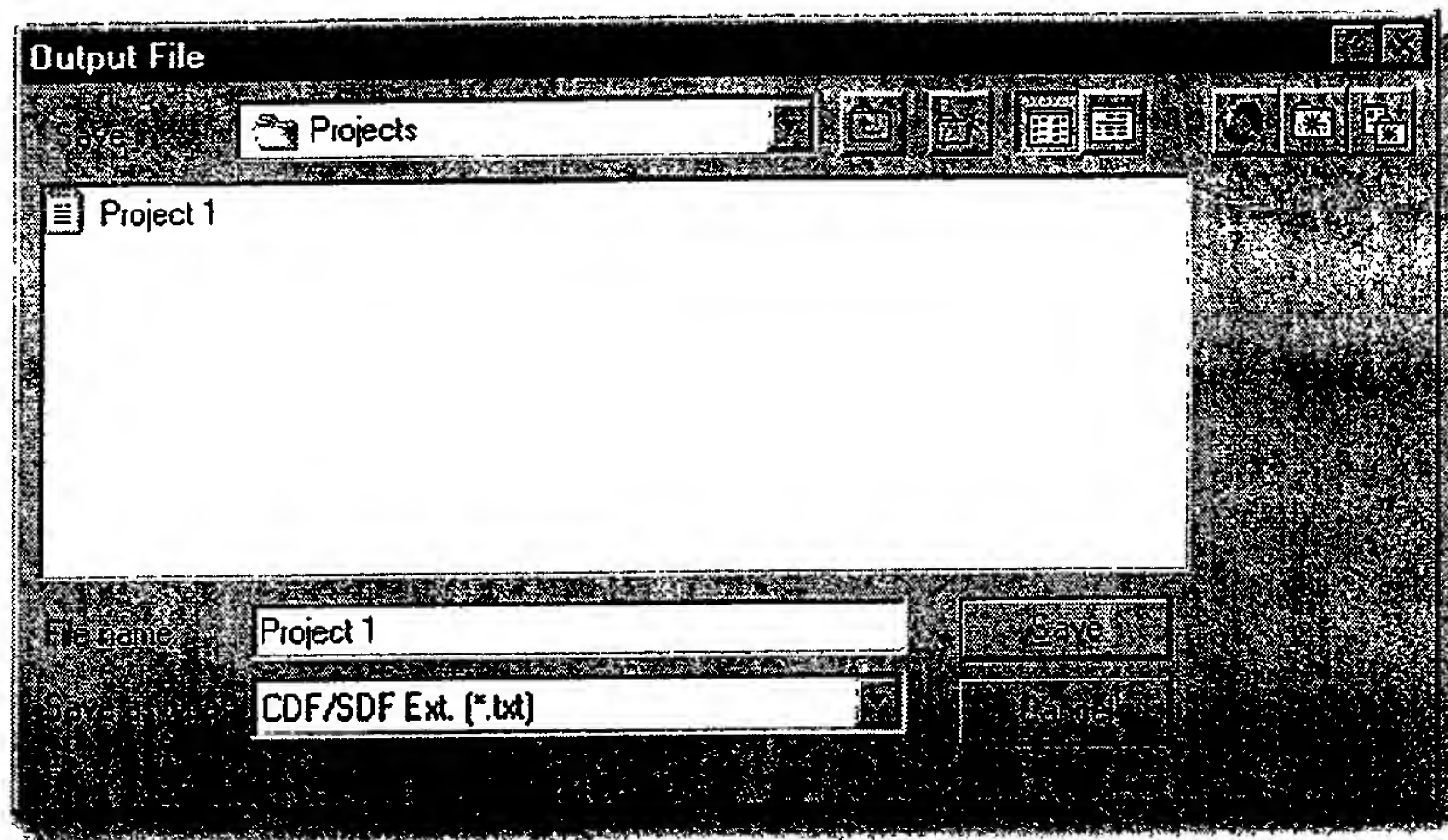


Figure 43. Selecting Output Text File Location

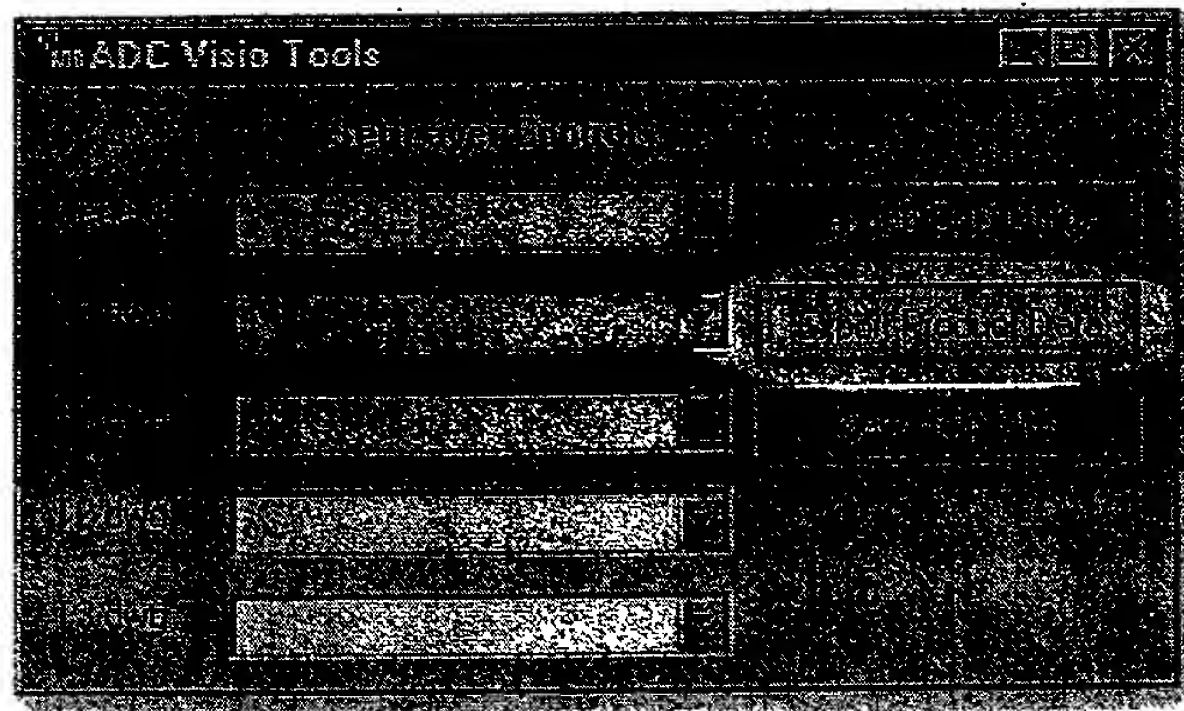


Figure 44. Visio Tools 'Export' Button

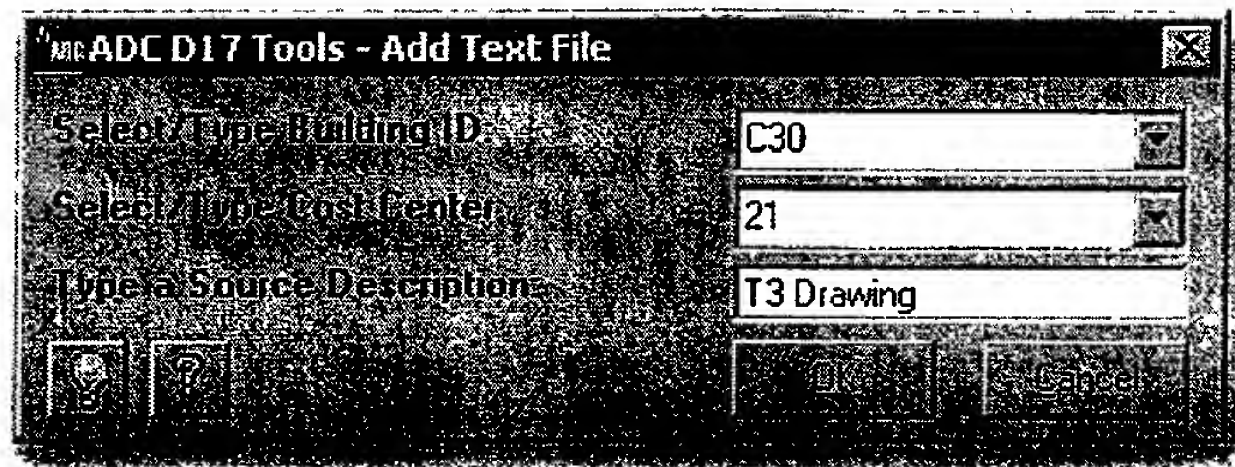


Figure 45. 'Add Text File' Dialog

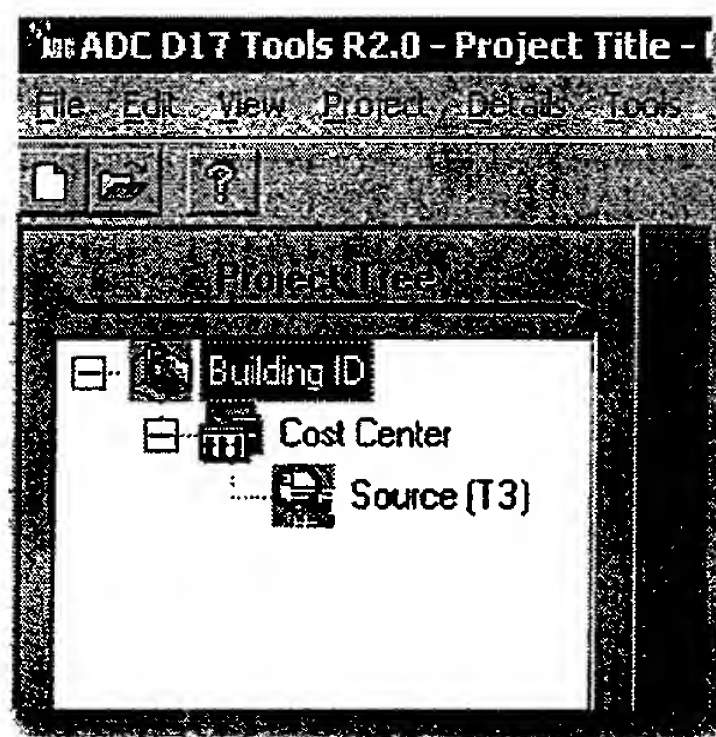


Figure 46. Text File Added to Project Tree

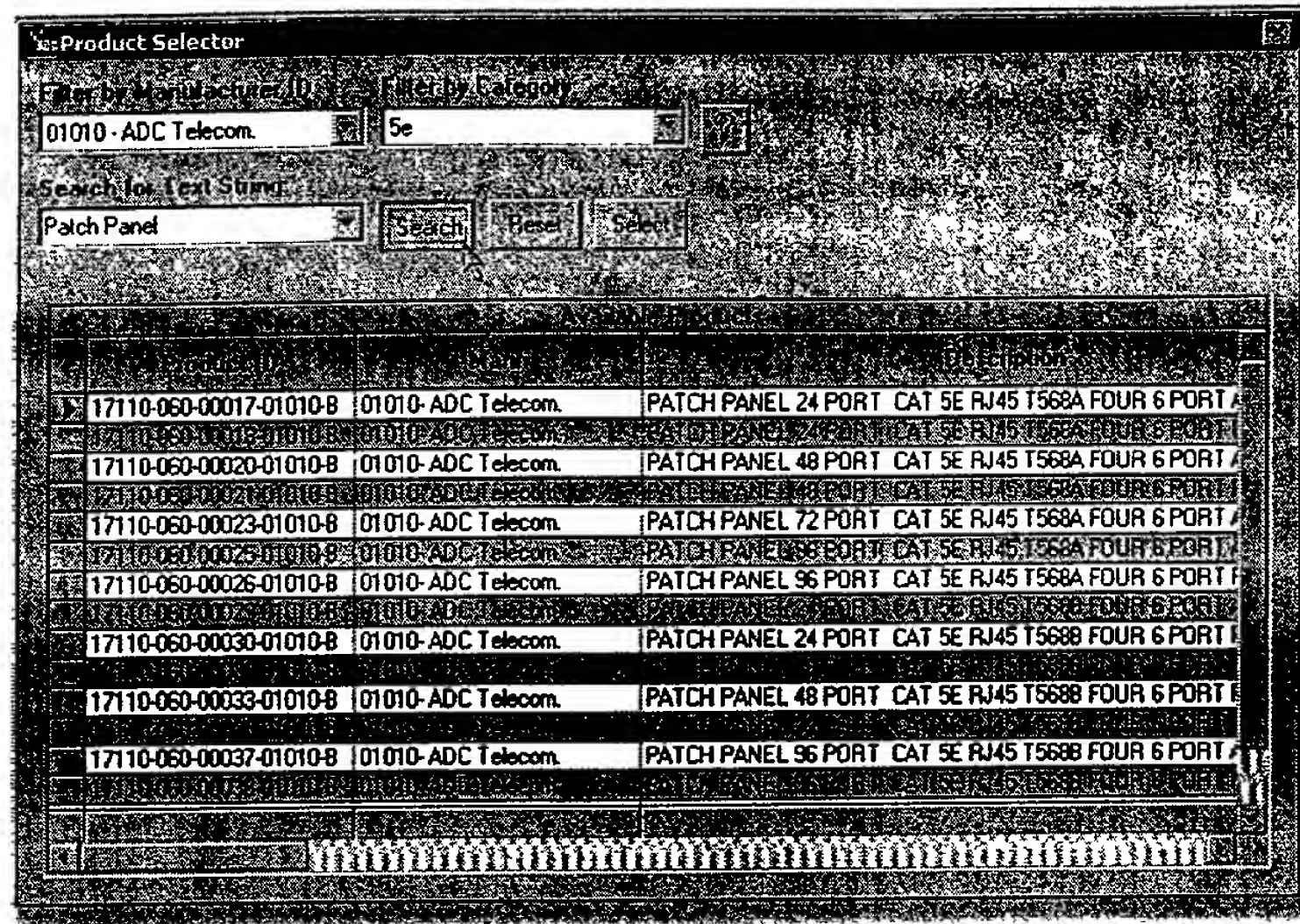


Figure 48. Searching for Products Using the Product Selector

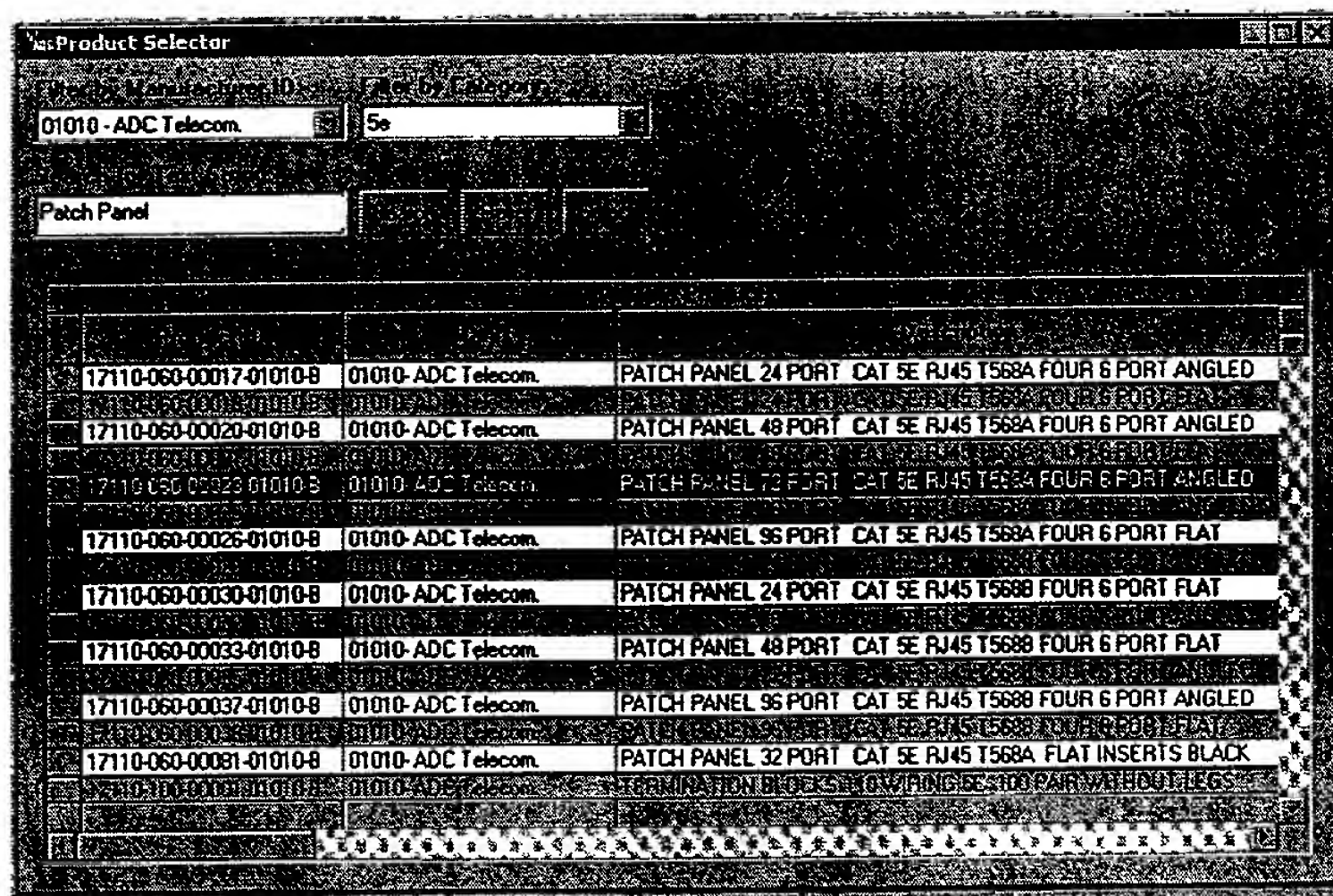


Figure 49. Selecting a Product Using the Product Selector

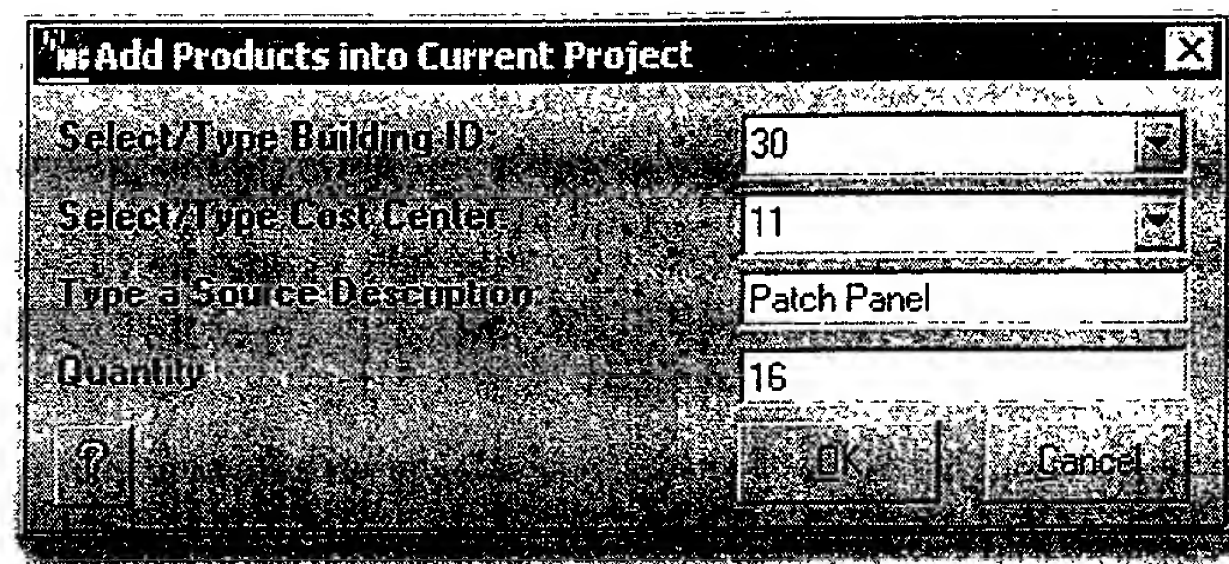


Figure 50. 'Add Products to Current Project' Dialog

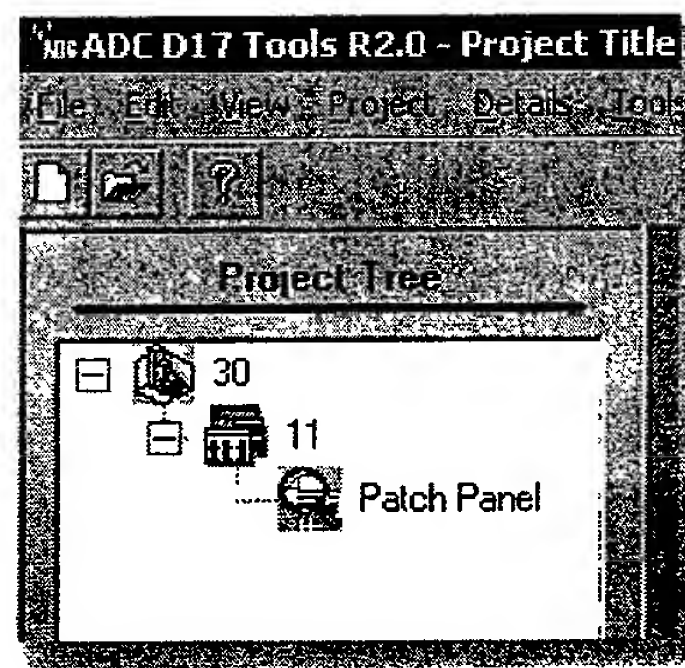


Figure 51. Products Displayed in the Project Tree

Products in Use

Filter by Building ID: Filter by Cost Center: Filter by Source Description:

Search for Text String: Search Reset ? <Export and Report Functions>

Product ID	Description	Quantity
17110-020-00004-01010-B	EQUIPMENT RACK FLOOR MOUNT ALUMINUM 19in WIDE 7ft X 3in CHANNEL BLACK	1
17110-040-00010-01010-B	PACK CABLE MANAGER TOP CROSSOVER TROUGH FRONT 2 RACK UNITS	1
17110-060-00017-01010-B	PATCH PANEL 24 PORT CAT 5E RJ45 T568A FOUR 6 PORT ANGLED PANELS	1
17110-240-00009-01010-B	COOPER PATCH CORD CAT 5E RJ45 RJ45 WITH BOOT 3 FOOT BLACK	10

Figure 52. 'Products in Use' Dialog

Products in Use

Filter by Building ID: Filter by Cost Center: Filter by Source Description:

Search for Text String: Search Reset ? <Export and Report Functions>

Product ID	Description	Building ID	Quantity
17110-020-00004-01010-B	EQUIPMENT RACK FLOOR MOUNT ALUMINUM 19in	C30	1
17110-040-00010-01010-B	PACK CABLE MANAGER TOP CROSSOVER TROUGH		

Figure 53. Filtering Products

Product Quantity	
Description	Quantity
EQUIPMENT BACK PLATE MOUNT ALUMINUM 19.6" WIDE 7 1/2" H	
MODULAR JACK ANGLED CAT 5E T5E68A ELECTRIC IVORY	15
MODULAR JACK ANGLED CAT 5E T5E68A ELECTRIC IVORY	
PAGE PLATE SINGLE GANG 12 PORT FLAT INSERT GRAY	
PAGE PLATE IDENTIFICATION CAT 5E T5E68A ELECTRIC IVORY	

Figure 54. Adjusting Product Quantity

-----Exporting-----	
Building Detail Report w/ Labor	
Building Summary Report w/ Labor	
Building Detail Report w/o Pricing	
-----Exporting-----	
Export Product Data	1
Export Unique ID's	
Export Unique ID's, OLC, MLC	1
Export Product ID's	
CAT 5E T5E68A C30	15

Figure 55. Exporting List

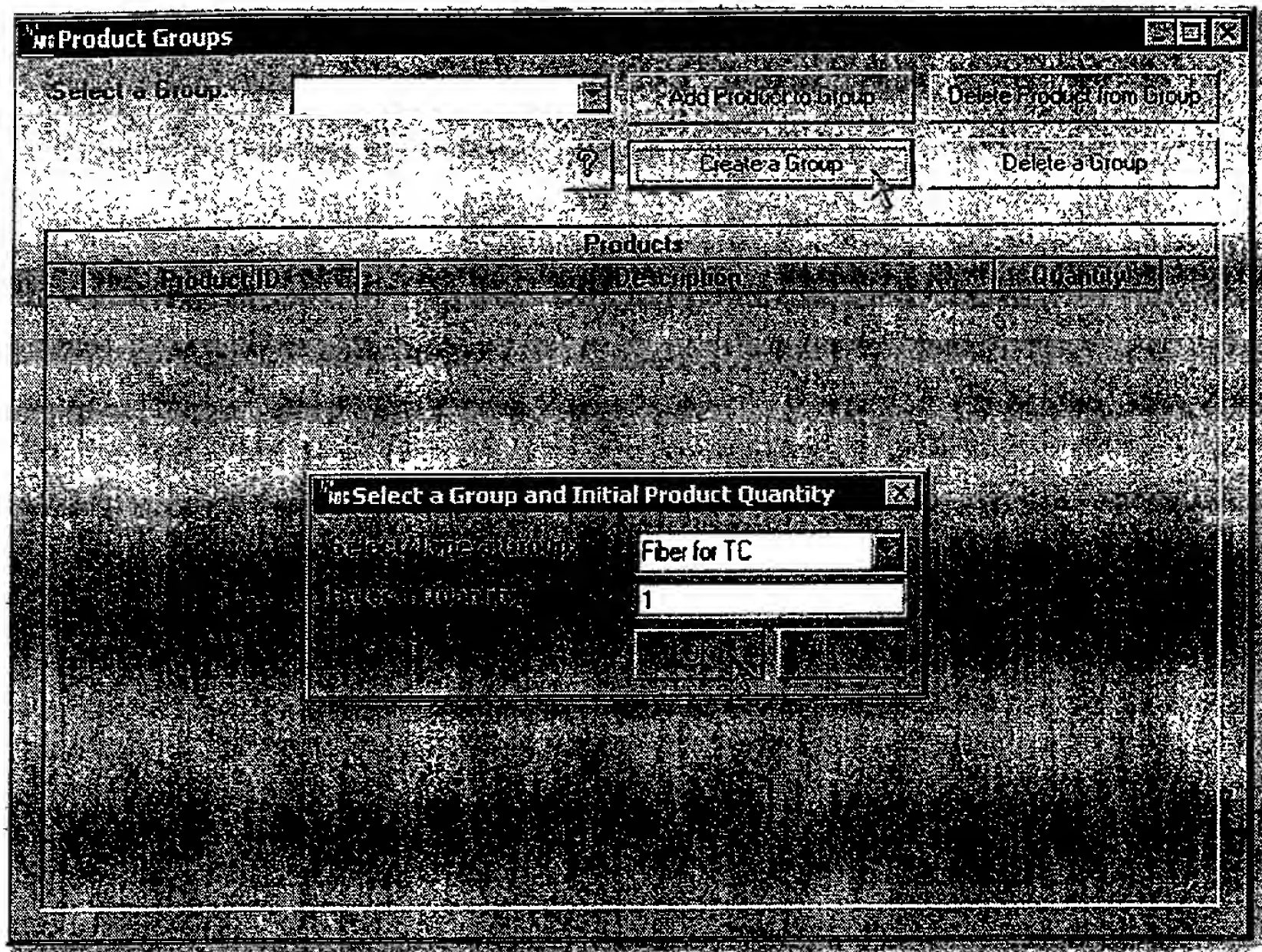


Figure 5. Creating a Group

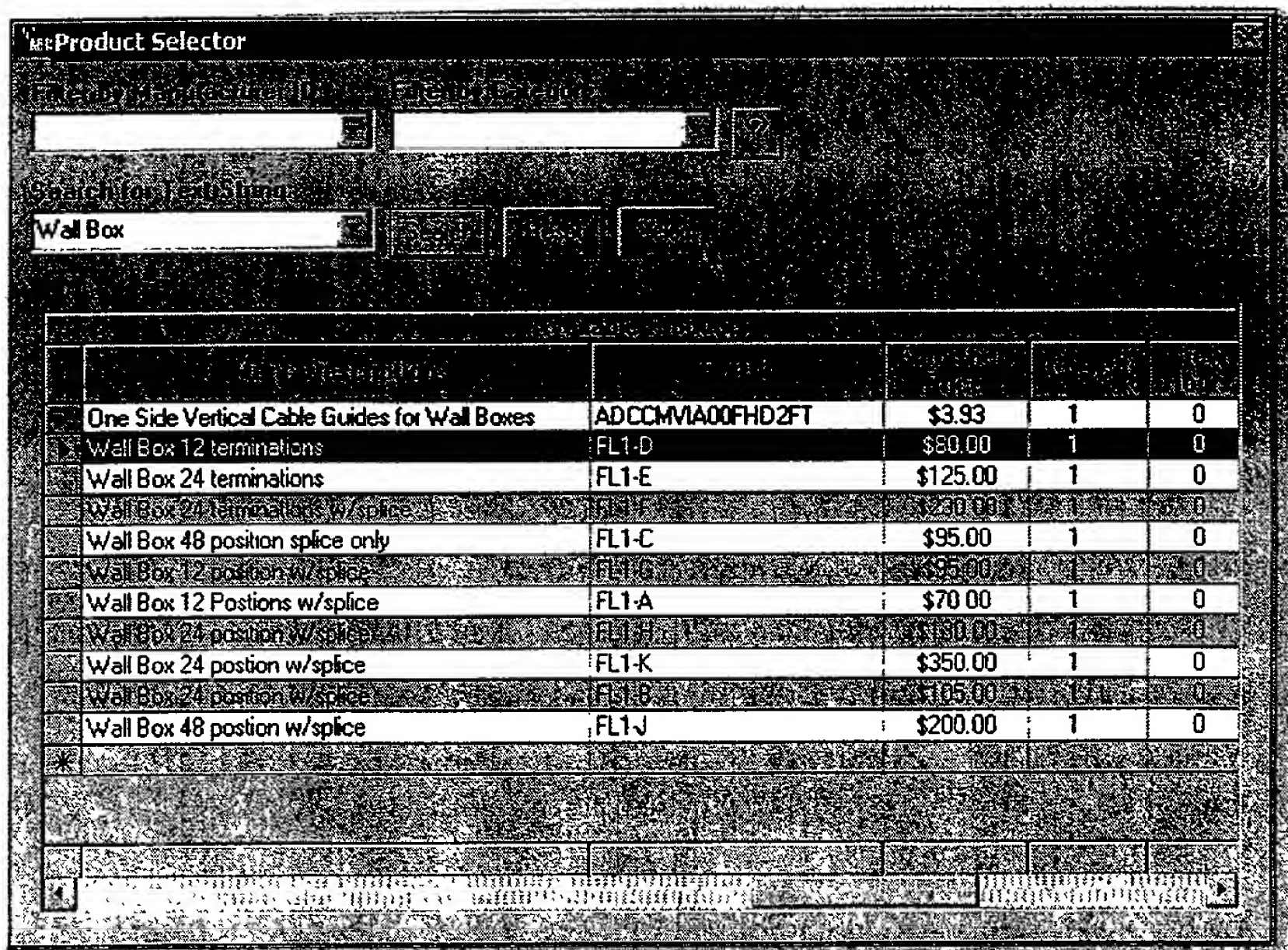


Figure 6. Selecting the Initial Product for New Group

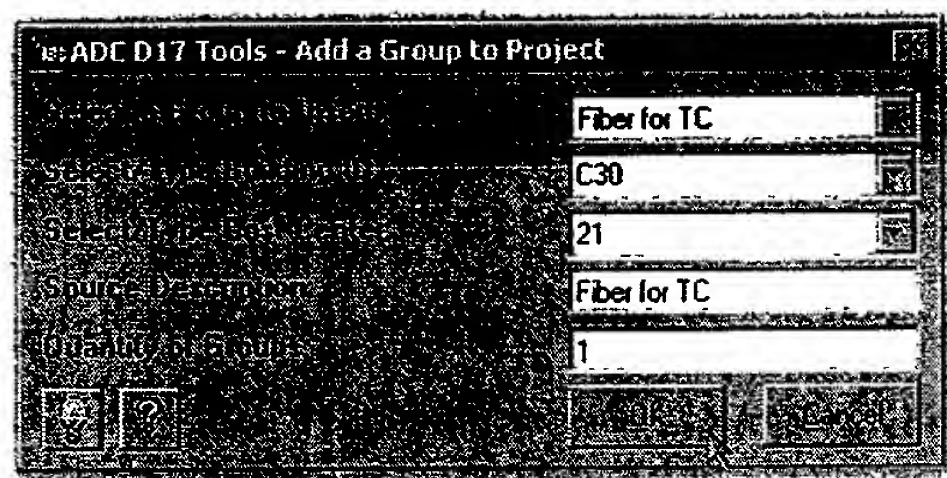


Figure 36. Adding a Group to a Project

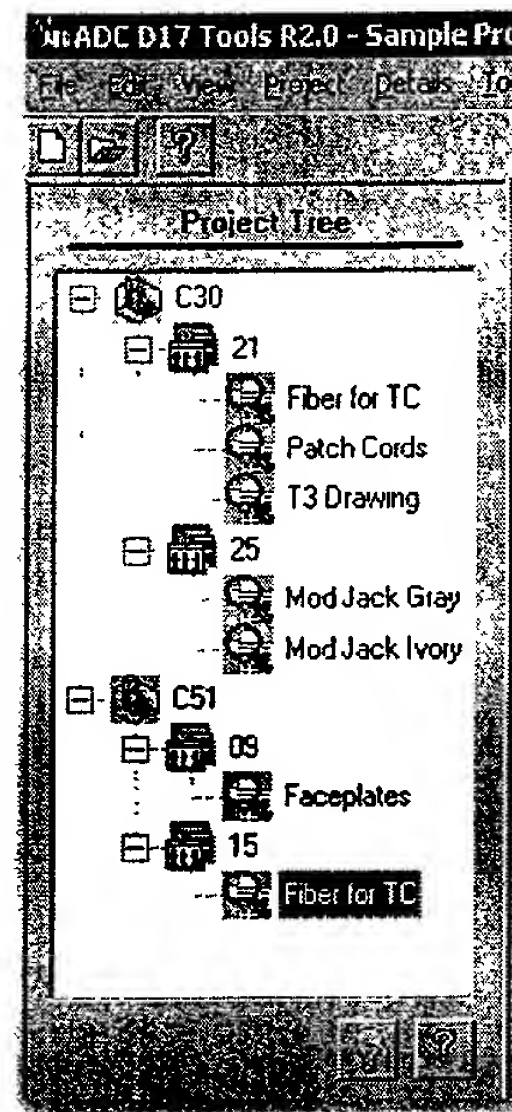


Figure 59. Project Tree

Figure 60 shows a screenshot of a software dialog box titled "Labor Rates". The dialog box contains a table with five columns: "ID", "Description", "Hourly Rate", "Equipment Cost/Day", and "Test Fee/Hr". The table has two rows of data. The first row shows "1" in the ID column, "1 Tech, 1 Installer w/ Tools and Tester" in the Description column, "\$90.00" in the Hourly Rate column, "\$10.00" in the Equipment Cost/Day column, and "\$10.00" in the Test Fee/Hr column. The second row shows "3" in the ID column, and the other columns are empty. The dialog box also has a "Cancel" button and a "OK" button.

ID	Description	Hourly Rate	Equipment Cost/Day	Test Fee/Hr
1	1 Tech, 1 Installer w/ Tools and Tester	\$90.00	\$10.00	\$10.00
3				

Figure 60. Labor Rates Dialog

Category Discounts

Master Format	Discount Product Group	Title	Discount Rate %
17110	17110 - Telecommunications Rooms		7
17120	17120 - Telecommunications Pathways		0
17130	17130 - Interior Communications Pathways		0
17140	17140 - Telecommunications Equipment		0
17150	17150 - Backbone Cabling Requirements		0
17160	17160 - Horizontal Cabling Requirements		0
17170	17170 - Testing, Identification and Administration		0
17180	17180 - Cutover and Training		0
17190	17190 - Support and Warranty		0

Figure 67. Category Discounts Dialog

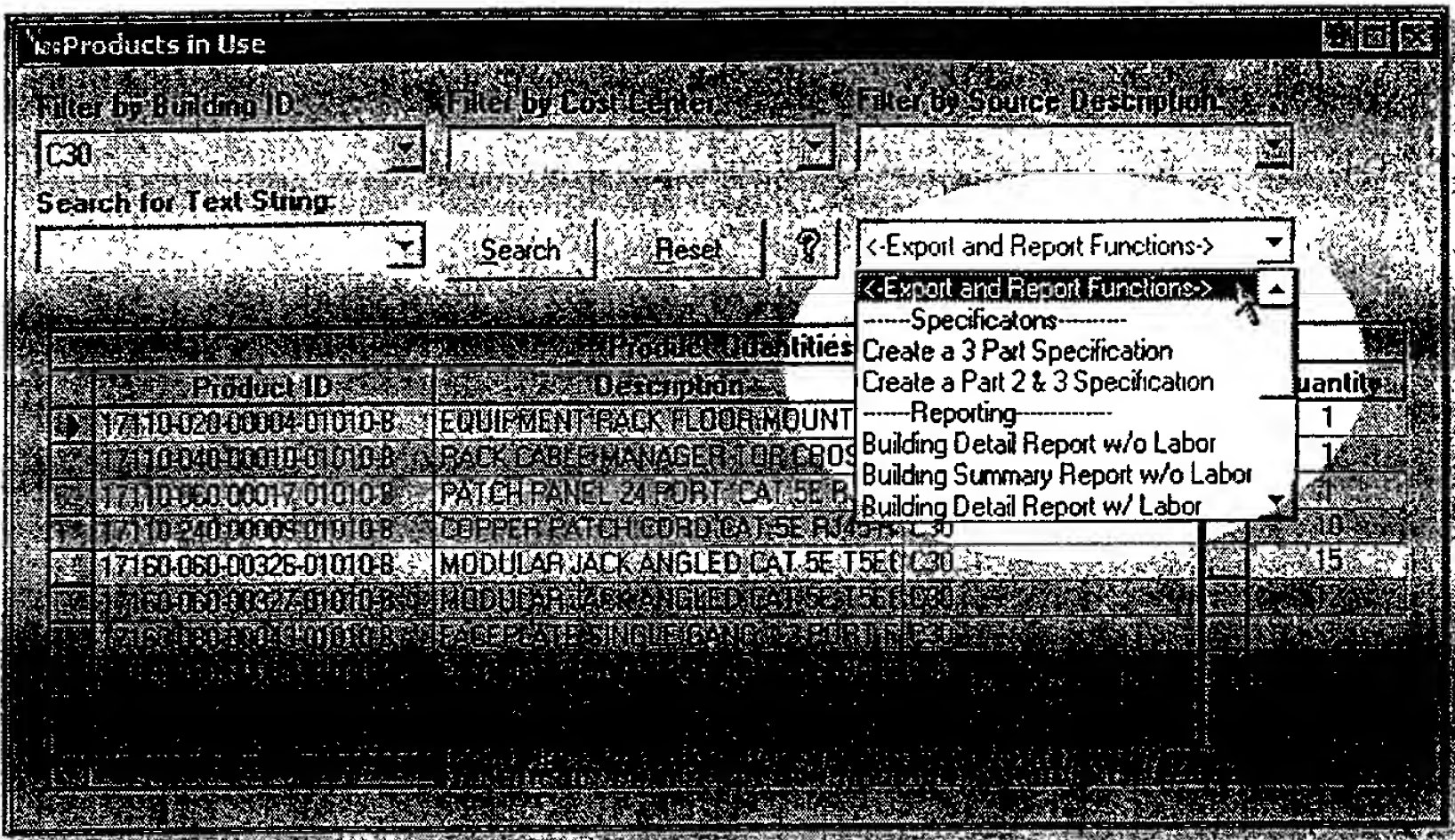


Figure 63. Export and Report Functions Drop-down List

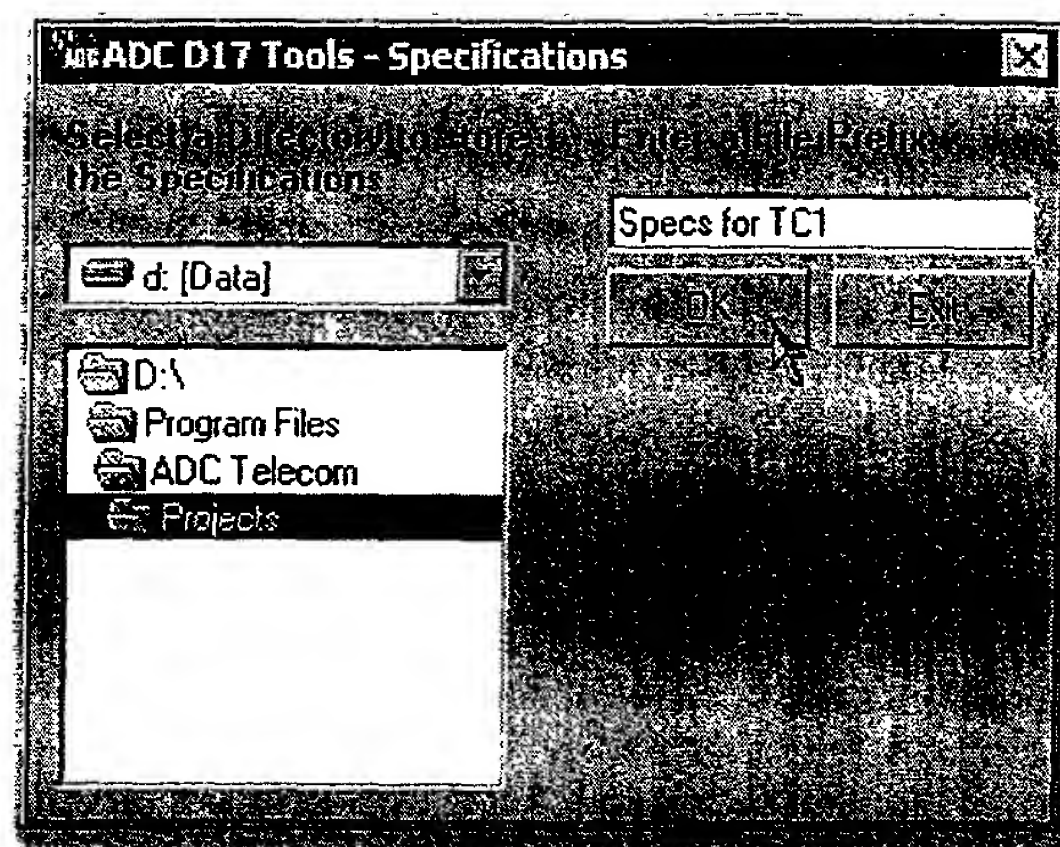


Figure 64. Specifying a File Prefix

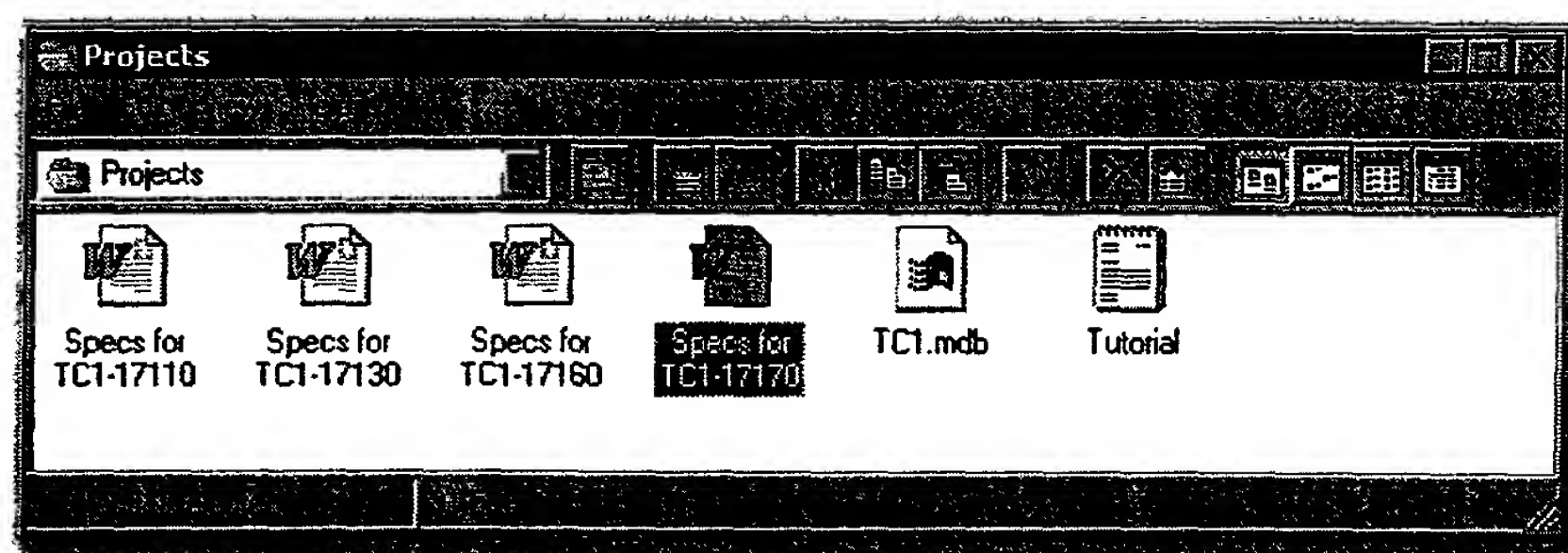


Figure 65. Specifications by D17 Category as Viewed within the 'Projects' Folder

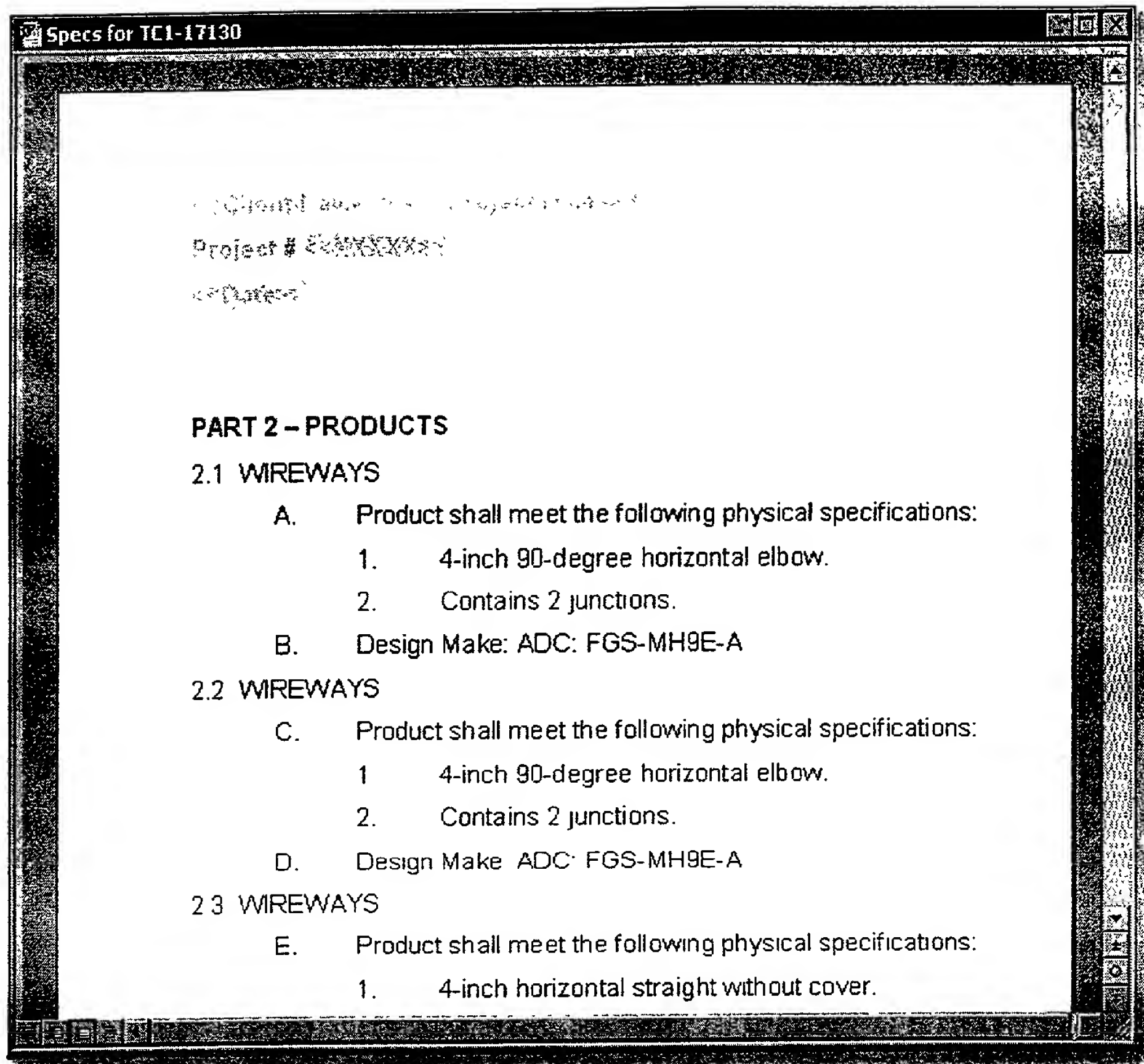


Figure 10. Specification Detail

- [illegible]

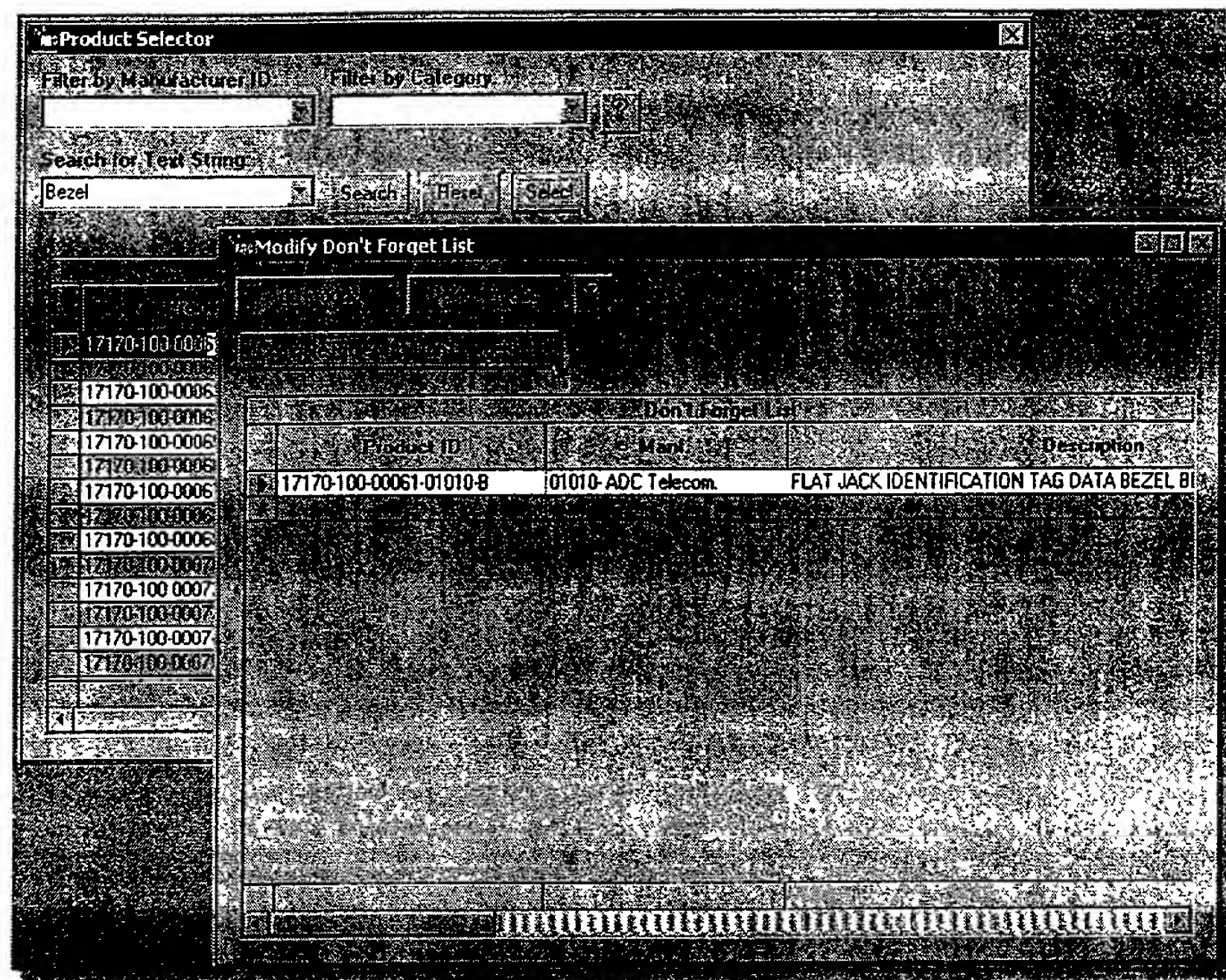


Figure 67: Comparing Project to 'Don't Forget' List

Wiz: Add a Question to a Wizard

Wizard Name:	School	<input checked="" type="checkbox"/>
Question:	How many racks per closet?	
Group Name:	Group2	<input checked="" type="checkbox"/>
Quantity:	4	

Figure 169 Adding a Question to a Wizard

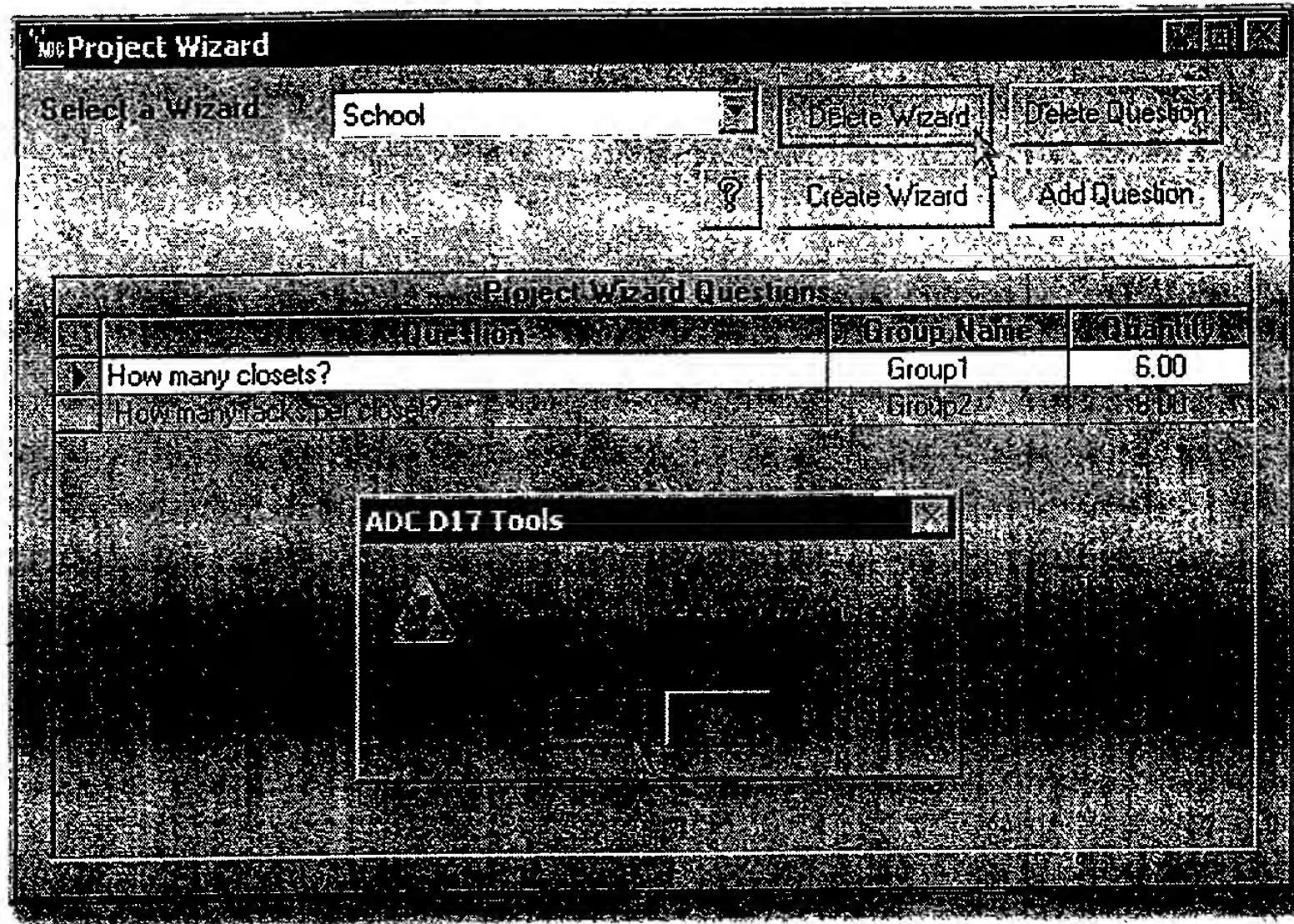


Figure 70 Deleting a Wizard

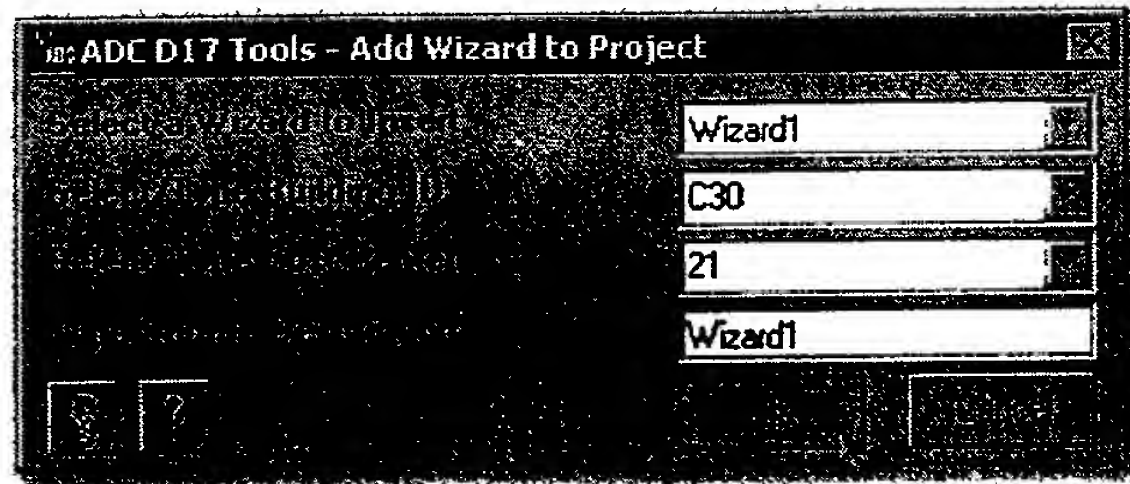


Figure 71. Add Wizard to Project Dialog

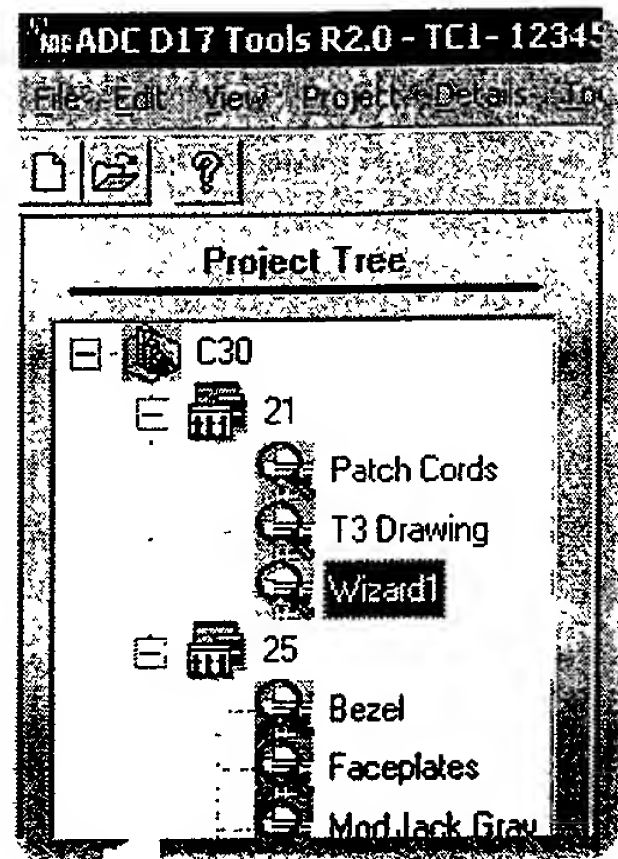


Figure 72. Project Tree with Wizard